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AGRICULTURAL RESEARCH SERVICE
PLANT QUARANTINE DIVISION
FEDERAL CENTER BUILDING
HYATTSVILLE, MARYLAND 20781

LIST OF INTERCEPTED PLANT PESTS, 1963

(Pests Recorded From July 1, 1962, Through June 30, 1963)

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INTRODUCTION

This report covers the 50th year of plant quarantine work in the United States. It summarizes records of plant pests found in, on, or with plants, plant products, baggage, cargo, mail, and means of conveyance (1) imported into or entering the United States or the offshore possessions, (2) offered for entry but refused, (3) in quarters or stores of planes and ships, (4) offered for entry for immediate transportation and exportation in bond, (5) in domestic shipments to the mainland from the States of Alaska and Hawaii, the American Virgin Islands, the Commonwealth of Puerto Rico, Guam, and other possessions, or (6) in preclearance inspection in the Bahamas and Bermuda.

The pests listed include insects, mites, snails, bacteria, fungi, nematodes, and viruses of known or potential plant quarantine significance to the United States or of scientific interest. Some common organisms are included if they are new to the country of origin or the host plant.

This list reports identifications received during the fiscal year 1963 and includes many interceptions made during previous years, since determinations are sometimes delayed because of heavy work loads or lack of specialists for certain types of organisms. Most identifications are made by specialists of the Entomology Research Division, the Plant Quarantine Division (both of the U.S. Department of Agriculture), and the Department of Entomology, U.S. National Museum (of the Smithsonian Institution). However, many pests intercepted in California are identified by collaborating State officials. Snail identifications are made largely by taxonomists in the Division of Mollusks of the U.S. National Museum. Some disease determinations and critical studies are made by specialists of the Crops Research Division, U.S. Department of Agriculture. Many host plants are identified by workers in the Department of Botany, Smithsonian Institution.

Scientific names of insects and diseases are reviewed by specialists of the Plant Quarantine Division, who also assist in compiling the list. Nematode names are checked in Nematology Investigations and host names are reviewed in the New Crops Research Branch. Every effort is made to conform to the International Rules of Nomenclature. Family names are shown with the insects in the tabulation and orders are given in the host list. Classes of diseases are shown in the disease host list.

It is often difficult to trace the true origin of stores in planes and ships. Questionable cases are omitted, listed with a question mark, or shown as unknown.

NOTES ON PESTS INTERCEPTED

The total number of interceptions submitted during the fiscal year 1963 was 31,439, as compared with 33,033 the previous year. This does not include certain common pests which are widespread in this country and are no longer recorded. Of the total identified during the year, 12,482 were considered important enough to be reported in this list. That figure includes the incompletely determined pests which were significant. Last year the total in the list was 10,921.

Airborne Material

Interceptions of pests arriving by air totaled 12,700, of which 10,983 were insects, mites, or snails and 1,717 were diseases or nematodes. There were 419 interceptions of significant insects found as stowaways on airplanes. Among the important pests arriving by air were 179 interceptions of the European cherry fruit fly, 207 of the Mediterranean fruit fly, 52 of the Mexican fruit fly, 41 of the olive fruit fly, 36 of the oriental fruit fly, 34 of the pink bollworm, 206 of the West Indian fruit fly, 290 of the yanone scale, 371 of the black spot of citrus, 204 of citrus canker, 130 of the sweet orange scab, and 16 of the golden nematode.

FRUIT FLIES

There were 1433 fruit fly interceptions identified to species. This large number includes many intercepted in previous years which were identified and recorded this year. The species were as follows:

Anastrepha fraterculus(?) (once) in coffee berry in airmail from Brazil.

Anastrepha ludens, the Mexican fruit fly, was intercepted 401 times from Mexico and once from Panama. The hosts were apple, grapefruit, lime, mamey, Mandarin orange, mango, peach, pear, pomegranate, quince, sapote, and sweet orange. *A. ludens*(?) (3 times) in sapote in air stores and mango in baggage from Mexico.

Anastrepha mombinpraeoptans, the West Indian fruit fly (375 times), an adult at large in airplane and larvae in guava, mango, purple mombin, tropical almond, unidentified fruit, and yellow mombin from Brazil, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, St. Kitts, St. Martin, Tortola, and an unknown origin.

Anastrepha ocesia (once) in sapodilla in air baggage from the Dominican Republic. This is the first authentic collection from sapodilla in the U.S. National Museum.

Anastrepha striata (twice) in guava in air baggage from El Salvador and Nicaragua.

Anastrepha suspensa (3 times) in guava in air baggage and baggage from the Dominican Republic and Puerto Rico.

Ceratitidis capitata, the Mediterranean fruit fly (293 times), in apple, apricot, Arabian coffee berry, baggage (with sphagnum moss packing), bell pepper, cactus

fruit, calamondin orange, chili pepper, *Citrus sinensis* var. *shamuti*, in pulp covering common pistache nut, date, *Eugenia* sp. fruit, fig, grapefruit, guava, Indiapoon beauty-leaf fruit, jujube, kaki persimmon, Malay-apple, Mandarin orange, mango, nectarine, papaya, peach, pear, plum, pomegranate, pricklypear, quince, sweet orange, tropical almond, and unidentified fruit. Countries of origin were Africa (country(?)), Argentina, Azores, Brazil, Costa Rica, Cyprus, Europe (country(?)), Federation of Rhodesia and Nyasaland, France, Greece, Hawaii, Israel, Italy, Jordan, Lebanon, Liberia, Malta, Morocco, Peru, Portugal, Republic of South Africa, Senegal, Spain, United Arab Republic, an unknown origin, and Uruguay. *C. capitata*(?) (15 times) in apricot, Arabian coffee berry, English walnut, mango, peach, pepper, sweet orange, and tomato from Argentina, Australia(?), Bermuda(?), Brazil, Canary Islands, Costa Rica, Greece, Hawaii, Israel, Italy, Liberia, and the United Arab Republic.

Ceratitis colae(?) (once) in Sudan colanut in air baggage from Nigeria.

Ceratitis rubivora (once) in *Rubus* sp. seed in mail from Ethiopia.

Dacus curcubitae, the melon fly (5 times), in balsampear in air baggage from the Philippines, bell pepper in stores from Hawaii, chili pepper in air baggage from Thailand, and cucumber in stores from Hawaii and the Ivory Coast. *D. curcubitae*(?) (4 times) in cucumber in stores from Hawaii.

Dacus dorsalis, the oriental fruit fly (43 times), an adult in a flight bag and larvae in avocado, carambola, *Eugenia* sp. fruit, guava, Indiapoon beautyleaf fruit, Malay-apple, mango, papaya, pepper, rose-apple, and tropical almond from Hawaii and the Philippines. *D. dorsalis*(?) (10 times) in avocado, candlenut-tree fruit, guava, and mango from Hawaii and India.

Dacus oleae, the olive fruit fly (80 times), an adult in baggage (with lemon) and larvae in common olive, *Olea* sp., and warty olive. Countries of origin were Ethiopia, Europe (country(?)), France, Greece, Israel, Italy, Lebanon, Republic of South Africa, and Spain. *D. oleae*(?) (once) in common olive in air baggage from Italy.

Euleia heraclei (once) in celery in stores from France. *E. heraclei*(?) (3 times) in celery in stores from England and Italy and in parsley in stores from Belgium.

Rhagoletis alternata(?) (once) in rose hip in baggage from Czechoslovakia.

Rhagoletis cerasi, the European cherry fruit fly (186 times), in Mazzard cherry, sour cherry, and cherry from the Azores, Europe (country(?)), France, Germany, Israel, Italy, Poland, Portugal, Spain, and an unknown origin. *R. cerasi*(?) (once) in cherry in stores from Turkey.

Tephritis conura (once) in thistle flower head in air baggage from Sweden.

INSECTS OTHER THAN FRUIT FLIES

Of the serious insect pests intercepted the following are of unusual interest:

Acroleptia assectella (Yponomeutidae) (20 times) in leek in air baggage from France and stores from France, Germany, Italy, and the Netherlands; in onion in air baggage from France; and in stores (with cauliflower) from France.

Adoretus sinicus (Scarabaeidae) as stowaway on airplane, in baggage, on cut flowers in air baggage and aircargo, and on orchid in air baggage from Hawaii; and in mail sack from Guam.

Adoxophyes reticulana (Tortricidae) (8 times) on cut lilac in aircargo from Belgium, Germany, and the Netherlands.

Aleurocanthus woglumi (Aleyrodidae), the citrus blackfly (36 times), on *Citrus* sp. leaf, sour lime leaf, sour orange leaf, sweet orange leaf, and rose leaf from Costa Rica, Ecuador, Jamaica, Mexico, and Nicaragua. *A. woglumi*(?) (4 times) on *Citrus* sp. leaf, coffee leaf, and sour lime leaf from Jamaica and Mexico.

Anthrenomus rectirostris (Curculionidae) in black cherry seed in mail from Belgium.

Argyroplote lacunana (Olethreutidae) on birch plant in air baggage from Norway.

Austrotortrix postvittana (Tortricidae) or near, in apple and plum in cargo from New Zealand.

Blastodacna atra (Cosmopterigidae) in apple in air baggage from Germany and Poland.

Brachycerus albidentatus (Curculionidae) in garlic in baggage from Italy.

Brachycerus algirus (Curculionidae) in garlic in air baggage and baggage from Italy and cargo from Italy and Spain.

Brevipalpus chilensis (Tenuipalpidae) on lemon in air stores from an unknown origin.

Bruchus dentipes (Bruchidae) in broadbean in air baggage from Iran and Italy, baggage from Greece and Italy, and mail from Italy.

Bryobia ehari (Tetranychidae) on chrysanthemum cut flower in air baggage from Japan.

Cacoecimorpha pronubana (Tortricidae) on cut carnation in air baggage from Spain and rose plant in air baggage from Italy.

Carposina niponensis (Carposinidae) (10 times) in apple in air stores and stores from Japan.

Ceroplastes rubens (Coccidae) on anthurium leaf in airmail from Hawaii, English ivy leaf in air quarters from an unknown origin, iron tree leaf in air baggage from Hawaii, and leaf of an unidentified plant in air baggage from Australia.

Chilo suppressalis (Crambidae), the Asiatic rice borer (11 times), in rice husks in stores from the Philippines; rice straw in air baggage, aircargo, cargo, mail, and stores from Japan; and rice straw jacket for liquor in air baggage from Spain.

Clysiana ambiguella (Phalonidae) in grape in air baggage from Hungary and air quarters from an unknown origin.

Conotrachelus aguacatae (Curculionidae) in avocado seed in aircargo and in avocado and Mexican avocado fruit in baggage from Mexico.

Coptotermes formosanus (Rhinotermitidae) in mail package of dried shells from Hawaii.

Cryptoblabes gnidiella (Phycitidae) (25 times) in mango, pomegranate, quince, and sweet orange from Cape Verde Islands, Greece, Italy, Portugal, Spain, an unknown origin, Venezuela, and Yugoslavia.

Curculio elephas (Curculionidae) (109 times) in European chestnut and unidentified species of chestnut from France, Greece, Italy, Portugal, Spain, Switzerland, and Yugoslavia.

Cylas formicarius formicarius (Curculionidae) in sweetpotato in air baggage and mail from the Philippines and stores from Hong Kong and Japan.

Cylas puncticollis (Curculionidae) (11 times) in sweetpotato in aircargo (as monkey food) from Kenya, cargo from Nigeria and Sierra Leone, quarters from Liberia, and stores from Sierra Leone.

Dialeurodes kirkaldyi (Aleyrodidae) on Arabian jasmine leaf in aircargo from the Philippines and mail from Hawaii, gardenia leaf in air baggage from Hawaii and Tahiti, and unidentified plant in air baggage from China.

Diaprepes abbreviatus (Curculionidae) as stowaway on airplane from Puerto Rico and on cut flowers and Sierra bladder-nut in aircargo from Haiti. *D. abbreviatus* var. on cut flowers in aircargo from Haiti.

Dichocrocis punctiferalis (Pyraustidae) on 5-needle dwarf pine tree in baggage and cargo from Japan.

Dyspessa ulula (Cossidae) in garlic in baggage from Italy and cargo from Spain and an unknown origin.

Epinotia aporema (Olethreutidae) in stores (with cabbage) from Peru and in string bean in air baggage from Colombia and stores from Chile and Venezuela.

Euproctis similis (Lymantriidae) on hawthorn plant in cargo from Japan.

Eusepes postfasciatus (Curculionidae) in mail (with ti cutting) from Hawaii; and in sweetpotato in air baggage from Jamaica, baggage from Puerto Rico, cargo from Tortola, and stores from Brazil, British Guiana, Panama, and Trinidad.

Evergestis forficalis (Pyraustidae) in cabbage in stores from Belgium, France, and the Netherlands; and in cauliflower in stores from France.

Gnorimoschema ocellatella (Gelechiidae) in beet in stores from Italy and the United Arab Republic; and in stores (with string bean) from Italy.

Gryllotalpa africana (Gryllotalpidae) with cargo (aircraft parts) by air from Japan.

Gryllus bimaculatus (Gryllidae) (8 times) as stowaway in airplane and in air baggage from Morocco.

Haplothrips tritici (Phlaeothripidae) in wheat stalk in air baggage from the Union of Soviet Socialist Republics.

Heterobostrychus brunneus (Bostrichidae) in packing boards on cargo from the Republic of the Congo and West Africa.

Lampides boeticus (Lycaenidae) in mauna loa lei in air baggage, baggage, and mail from Hawaii, pea pod in stores from Japan, sesbania seed in air baggage from Hawaii, and string bean in air baggage from Italy.

Laspeyresia splendana (Olethreutidae) (93 times) in acorn in mail from Switzerland; in air baggage (with apple) from Portugal; in cork oak seed in cargo from Italy; and in European chestnut in air baggage from the Azores, France, Greece, Italy, and Portugal, baggage from Austria, France, Italy, Portugal, Spain, and an unknown origin, and cargo and mail from Italy.

Lema bilineata (Chrysomelidae) in excelsior packing with melon in cargo from Chile.

Leucinodes orbonalis (Pyraustidae) in eggplant in air baggage from Ghana and stores from the Federation of Malaysia(?) and Senegal.

Lobesia botrana (Olethreutidae) in grape in air baggage from Italy.

Mamestra brassicae (Noctuidae) (24 times) on cabbage in stores from Belgium, France, Italy, and the Netherlands; cauliflower in stores from Denmark, France, Italy, and the Netherlands; kale in air baggage from Denmark; lettuce in stores from France and Spain; in quarters (with gladiolus cut flowers) by air from Italy; and on Swiss chard in stores from Italy.

Maruca testulalis (Pyraustidae), a bean pod borer (22 times), in air baggage (with coriander seed) from the Dominican Republic; in lima bean in cargo from Puerto Rico; mauna loa lei in air baggage and baggage from Hawaii; pigeonpea in air baggage from the Dominican Republic, Panama, and Puerto Rico and cargo from Puerto Rico; sesbania seed in air baggage from Hawaii; and string bean in air baggage and cargo from Puerto Rico and stores from Japan, Puerto Rico, Senegal, and Surinam.

Matsumuraes phaseoli (Olethreutidae) in string bean in stores from Japan.

Melolontha melolontha (Scarabaeidae) in quarters of airplane from Switzerland.

Monosteira unicostata (Tingidae) in almond in air baggage from Greece.

Naupactus xanthographus (Curculionidae) in honeydew melon and melon in cargo from Chile.

Nephotettix apicalis (Cicadellidae) with aircargo of silk stoles from India and with dry stores from an unknown origin.

Ostrinia nubilalis (Pyraustidae) in apple in baggage from Italy; bell pepper in air baggage from Italy, air stores from Japan, and stores from Italy and Sweden; burdock stem in stores from Japan; with corn seed in aircargo from Italy and in fresh corn ear in stores from Thailand; in peach in air stores from an unknown origin; and in rice in aircargo from Japan.

Oryzarenus hyalinipennis (Lygaeidae) in cottonseed in cargo from Pakistan and pomegranate in air baggage from Israel and baggage from Greece.

Pectinophora gossypiella (Gelechiidae), the pink bollworm (56 times), in cotton boll, cotton lint, cottonseed, Hawaiian seed cotton, okra, and seed cotton from Barbados, Brazil, Dominican Republic, Grenada, Haiti, Hawaii, Jamaica, Liberia, Mexico, Pakistan, an unknown origin, and Venezuela.

Phalonia zephyrana (Phaloniidae) in carrot in stores from Italy.

Phlyctinus callosus (Curculionidae) (13 times) in grape in cargo and quarters from the Republic of South Africa.

Pieris brassicae (Pieridae) in cabbage in stores from France and Italy and with military cargo from the Azores and Morocco.

Prays oleellus (Yponomeutidae) in olive in air baggage from Italy and baggage from Greece.

Premnotrypes latithorax (Curculionidae) in potato tuber in air baggage from Bolivia.

Prodenia litura (Noctuidae) in airplane from an unknown origin; in beet and pepper in stores from Israel; and with aircargo from the Philippines.

Sesamia cretica (Noctuidae), the durra stem borer (8 times), in broomcorn in baggage from Italy, cargo from Greece, Italy, and Spain; corn ear in air baggage from Italy and an unknown origin; and corn husk packing in mail from Italy.

Sesamia nonagriodes (Noctuidae) with chestnut in air baggage from Portugal and baggage from Spain.

Spanioneura fonscolombeii (Psyllidae) on carnation and chrysanthemum cut flowers in air quarters from England.

Stephanoderes hampei (Scolytidae) in Arabian coffee berry in air baggage from Brazil; and coffee berry in air baggage from Formosa, cargo from the Republic of South Africa and an unknown origin, and mail from an unknown origin.

Sternochetus mangiferae (Curculionidae) in mango in air baggage from Hawaii and India and mail and stores from Hawaii.

Taeniothrips eucharis (Thripidae) on *Lycoris* spp. and narcissus bulbs in cargo from Japan.

Tetranychus viennensis (Tetranychidae) on apple in air baggage from Hungary and Japan.

Thrips imaginis (Thripidae) on hyacinth cut flower in air quarters and rose cut flower in baggage from Australia.

Tortrix excessana (Tortricidae) in apple in cargo from New Zealand.

Trogoderma granarium (Dermestidae), the khapra beetle (225 times), with bagging and ballast, in broadbean, with cargo and in cargo hold, in celery seed,

chickpea, cinnamon, coriander seed, cumin seed, with debris, in divi-divi pod, fennel seed, grain, gum arabic, gum tragacanth, gum zedou, guar gum, karaya gum, mung bean, myrobalan, nutmeg, pea, pigeonpea, pistache nut, psyllium seed, *Pyrus* sp. seed, quarters, rice, soybean, stores, string bean, talha gum, and tamarind seed powder. Countries of origin of the infested materials were Ceylon, England, Federation of Malaysia, Formosa, France, Germany, Hong Kong, India, Iran, Japan, Kenya(?), Korea, Kuwait, Lebanon, Netherlands, Pakistan, Seychelles, Sudan, Thailand, and an unknown origin.

Unaspis yanonensis (Coccidae), the yanone scale (427 times), on *Citrus* sp., grapefruit, lemon, lime, Mandarin orange, Marumi kumquat, sour orange, sweet orange, tangelo, and yuzu from Australia, China, Fiji, Hong Kong, Italy, Japan, Philippines, and an unknown origin.

SNAILS

The following snails are of particular interest:

Achatina fulica, the giant African snail, on packing crate of military cargo by air from Formosa.

Arianta arbustorum with air baggage from Germany, on cauliflower and lettuce in stores from the Netherlands, and on violet plant in air baggage from Germany.

Bradybaena similaris (10 times) on anthurium in air baggage and mail from Hawaii, on dasheen plant in air baggage, ti in aircargo, and cut flowers in mail from Hawaii; military cargo from Bermuda; and orchid flowers in aircargo, cargo, and mail from Hawaii.

Cochlicella barbara (31 times) on automobile in cargo from Libya and Morocco, four-o'clock seed in cargo from France, garlic in stores from Morocco, and military cargo from Crete, France, Greece, Morocco, and Spain.

Cochlicella ventrosa (18 times) on automobile in cargo from Libya, cabbage and leek in stores from Portugal, lettuce in stores from Italy, and military cargo from the Azores and Spain by air and by surface cargo from the Azores, Morocco, Spain, and an unknown origin.

Fifteen species of *Helicella* were intercepted a total of 92 times from Crete, Denmark, England, France, Germany, Greece, Italy, Libya, Morocco, Netherlands, Spain, Turkey, and an unknown origin. The hosts were airplane, automobile, cabbage, cauliflower, chicory, cork oak, four-o'clock seed, leek, military cargo, residue in hold, soil with begonia plant, stores, and tassel grapehyacinth.

Helicina neritella on orchid plant in air baggage from Jamaica.

Helix figulina on military cargo by air from Turkey. *H. pomatia* with air baggage from Germany.

Monacha cantiana and *M. carthusiana* on military cargo from France. *M. olivieri* on military cargo from Greece and Turkey, and in soil with plant in baggage from Greece.

Retinella hammonis in soil in air baggage from Ireland, soil with birch shoot in air baggage from Italy, and soil with potted plant in air baggage from Germany.

Rumina decollata on military cargo from Morocco.

Subulina octona on four-o'clock seed in cargo from the Netherlands and orchid plant in aircargo from Peru.

Theba pisana, the Mediterranean land snail (59 times) on airplane, automobile, cork oak, crate, cut flowers, dried plant material, four-o'clock seed, leek, lettuce, Madonna lily, protea flowers, stores, and sweet orange from the Azores, Crete, France, Italy, Libya, Morocco, Netherlands, Portugal, Republic of South Africa, Spain, and an unknown origin.

Other snails of importance were *Ceciloides acicula*, *Helix aspersa*, *Lamellaxis micra*, *Limax marginatus*, *Milax gagates*, *Otala lactea*, *O. vermiculata*, *Oxychilus alliarius*, *Opeas pumilum*, *O. pyrgula*, and *Trichia hispida*.

DISEASES

Elsinoe australis, the sweet orange scab, was intercepted 209 times; 92 from Brazil, 78 from Argentina, 16 from South America (country(?)), 14 from an unknown origin, 7 from Uruguay, and 2 from Paraguay. Hosts were grapefruit, lemon, Mandarin orange, sour lime, and sweet orange.

Guignardia citricarpa (Phoma stage), the black spot of citrus, was intercepted 556 times, 259 from the Republic of South Africa, 104 from Hong Kong, 85 from Japan, 36 from Australia, 35 from an unknown origin, 15 from China, 9 from Formosa, 3 from Brazil, 2 each from Pakistan, Philippines, and Vietnam, and 1 each from India(?), Okinawa, Tahiti(?), and Thailand. Hosts were *Citrus* sp.,

grapefruit, lemon, lime, Mandarin orange, pummelo, sour orange, and sweet orange. *Xanthomonas citri*, citrus canker, was intercepted 377 times; 161 from India, 151 from Japan, 22 from Hong Kong, 13 from China, 11 from an unknown origin, 6 from Formosa, 3 each from Afghanistan, Federation of Malaysia, and Thailand, 2 from Pakistan, and 1 each from the Philippines and Vietnam. Hosts were *Citrus* sp., grapefruit, lemon, lime, Mandarin orange, pummelo, sour orange, sweet orange, and tangelo.

Xanthomonas sp. (Cancrosis B) was intercepted 19 times; 14 from Argentina, 3 from an unknown origin, and 2 from South America (country(?)). Hosts were lemon and sweet orange.

Other diseases of special interest were:

Puccinia buxi on boxwood leaf in air baggage, air quarters, and air stores from England, Europe (country(?)), France, Ireland, Switzerland, and an unknown origin.

Puccinia dochmia(?) on muhly grass packing in baggage from Mexico.

Puccinia erythropus on Chinese silvergrass in stores from Japan.

Puccinia iridis on iris leaf in mail from Austria.

Puccinia longicornis on bamboo leaf in stores from Japan.

Puccinia oncidii on *Oncidium* sp. leaf in aircargo from Ecuador.

Puccinia thaliae on canna leaf in air baggage from Honduras.

Puccinia urbaniana on *Jamacia falsevalerian* leaf in air baggage from the Dominican Republic.

Rhytisma decolorans on lyonia leaf in airmail from Nepal.

Rose mosaic—yellow type on cut roses in air baggage from Haiti.

Sphaceloma poinsettiae on common poinsettia in air baggage from Guatemala.

Sphaceloma spondiadis on "jobo" in air baggage from Barbados, purple mombin in air baggage from the Dominican Republic and El Salvador, *Spondias* sp. in air baggage from Trinidad, and vi-apple in air baggage from Guatemala.

Thecaphora solani on Irish potato in air baggage from Colombia.

Uromycladium tepperianum on graceful-wattle acacia seed in airmail from Australia.

NEMATODES

Nematodes of special interest were:

Aphelenchoides blastophthorus in lily-of-the-valley pips in cargo from Denmark.

Aphelenchoides parietinus in soil on raintree saman log in cargo from Fiji.

Criconema celetum in soil with camellia plant in baggage from Portugal.

Criconema fimbriatum (first interception) in soil with begonia plant in baggage from Mexico.

Criconemoides curvatum in soil with begonia plant in baggage from Argentina, soil with camellia in baggage from Portugal, and soil with mint in baggage from Mexico.

Criconemoides informe in soil with beech and spruce plants in air baggage from Germany.

Criconemoides mutabile in soil with amaryllis bulb, dahlia root, mango seedling, and unidentified plant in baggage from Mexico.

Ditylenchus dipsaci in narcissus bulb in mail from England.

Helicotylenchus nannus (17 times) in crown-of-thorns euphorbia, in soil with begonia, caladium, coleus, dracaena, mango, mint, palm, onion, and unidentified plants. Countries of origin were Argentina, Brazil, Hawaii, Japan, Mexico, and the Philippines.

Hemicriconemoides mangiferae (first interception) in soil with coleus plant in baggage from Mexico.

Heterodera avenae is soil with automobile in cargo from France and soil with dahlia root in air baggage from Germany.

Heterodera rostochiensis, the golden nematode (32 times), in soil with automobile in cargo from England and Germany and soil with the following plant material: Amaryllis bulb in air baggage from an unknown origin, cactus plant in air baggage from England, calla lily plant in air baggage from Germany, carrot in stores from the Netherlands, celery in stores from Norway, dahlia root in air baggage from Ireland, English ivy plant in baggage from Germany, garden sage plant in air baggage from England, garlic in cargo from Peru, grass plant in air baggage from England, heather plant in air baggage from Scotland, potato in stores from Argentina, Canary Islands, and England, primrose plant in baggage and mail from England, *Prunus* sp. cutting in air baggage from Sweden, *Rubus* sp. plant in mail from England, shamrock leaf in mail from Ireland and shamrock

plant in airmail from Northern Ireland, *Solanum* spp. tubers in airmail from South America (country(?)), stonecrop plant in air baggage from England, strawberry plant in air baggage from Germany, and unidentified plant in air baggage from England.

The rootknot nematodes were intercepted a total of 39 times in roots of various bulbs, plants, and vegetables as follows: *Meloidogyne arenaria* (6 times), for the first time from Nicaragua; *M. hapla* (11 times), for the first time from Ireland, Lebanon, and Portugal; *M. incognita* (4 times), *M. incognita acrita* (11 times), for the first time from Senegal; *M. incognita incognita* (once); and *M. javanica* (6 times), for the first time from Nicaragua.

Pratylenchus convallariae in lily-of-the-valley pip in cargo from Denmark.

Pratylenchus penetrans in dahlia root in mail from the Republic of South Africa and in soil with camellia plant in baggage from Portugal.

Radopholus similis in anthurium root in baggage and ginger rhizome in cargo from Hawaii.

Rotylenchus goodeyi in horseradish root in quarters from England.

Rotylenchus robustus in horseradish root in quarters and in soil with Euphorbiaceae in air baggage from England.

Rotylenchus uniformis in soil with camellia in baggage from Portugal and in soil with "shamrock" in mail from Ireland.

Scutellonema brachyurum in liliaceous plant in baggage from Australia, in soil with bulb in baggage and gardenia plant in cargo from Mexico, in soil with liliaceous plant in air baggage from Japan, and in soil with unidentified plant in air baggage from Hawaii and baggage from Mexico.

Tylenchorhynchus capitatus in soil with camellia plant in baggage from Portugal and in soil with chalice vine and unidentified tree in baggage from Mexico.

Tylenchorhynchus crassicaudatus (first interception) in soil with arum plant in air baggage from the Philippines and soil with privet plant in air baggage from Japan.

INCOMPLETELY DETERMINED PESTS

It is not always possible to complete a determination as to species, due to the stage or condition of the insect or pathogen when intercepted or the fact that it may be undescribed. Many of these pests are of potential economic importance, unreported from the country of origin or the United States, or new to the host plant. Some of the more significant ones are included in this writeup, but not in the tabulation except in the summary. This year there were 4,558 insects and mites and 761 diseases and nematodes, or a total of 5,319 incompletely determined interceptions considered important enough to record. Snails not identified to species are not recorded.

INCOMPLETELY DETERMINED FRUIT FLIES

A total of 571 fruit flies not identified to species were as follows:

Anastrepha sp., possibly *distincta* Greene (once), in *Inga* sp. pod in baggage from Mexico.

Anastrepha sp., possibly *fraterculus* (3 times) in Arabian coffee berry in air baggage from Brazil and quince in stores from Peru.

Anastrepha sp., probably *ludens* (24 times), in mango, peach pear, quince, sapote fruit and seed, sweet lime, and sweet orange in baggage from Mexico; and in sweet orange in air baggage from Guatemala and air stores from Mexico.

Anastrepha sp., probably *mombinpraeoptans* (47 times) in mango in air baggage from British Honduras, Costa Rica, Dominican Republic, Ecuador, El Salvador, Haiti, Honduras, Jamaica, Nicaragua, Panama, and Puerto Rico, aircargo from Guatemala, air quarters from Mexico, baggage from British Honduras, Honduras, Mexico, and Trinidad, cargo from the Dominican Republic, quarters from Jamaica, Panama, and an unknown origin, and stores from El Salvador and Haiti; in guava in air baggage from Colombia; in vi-apple in air baggage from Puerto Rico; and in yellow mombin in air baggage from the Dominican Republic and Guatemala and baggage from Puerto Rico.

Anastrepha sp., possibly *ocresia* (once) in sapodilla in air baggage from the Dominican Republic.

Anastrepha sp., possibly *serpentina* (Wied.) (5 times), in mamey in air baggage from Peru; sapodilla in air baggage from Colombia, Mexico, and Nicaragua, and star-apple in air baggage from Panama.

Anastrepha sp., probably *striata* (20 times), in guava in air baggage from Colombia, Costa Rica, Ecuador, Nicaragua, and Panama, baggage from El Salvador and Mexico, and quarters from Mexico.

Anastrepha sp., probably *suspensa* (65 times), in guava in air baggage from the Dominican Republic, Jamaica, and Puerto Rico, and airmail, baggage, and mail from Puerto Rico; in sapodilla in air baggage from the Dominican Republic and Jamaica; and in tropical almond in air baggage from the Dominican Republic, Jamaica, and Puerto Rico.

Anastrepha sp. (303 times) in acerola, apple, Arabian coffee berry, avocado, Barbados-cherry malpighia, broadbean (new host), cherimoya, chupa-chupa, cucurbit, custard-apple, fig, giant granadilla, grapefruit, guava, hawthorn fruit, *Inga* sp. (?) seed pod, lime, loquat, Malay-apple, Mandarin orange, mango, peach, peach palm fruit, pear, plum, pomegranate, ponderosa lemon, quince, red mombin, rose-apple, sapodilla, sapote, soursop, star-apple, sweet orange, tropical almond, vi-apple, white sapote, and yellow mombin. Countries of origin were Argentina (?), Bahamas, Bolivia, Brazil, British Guiana, British Honduras, Chile, Colombia, Costa Rica, Curacao, Dominica, Dominican Republic, Ecuador, El Salvador, Guadeloupe, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Peru, Puerto Rico, Trinidad, an unknown origin, and Venezuela. *Anastrepha* sp. (?) (7 times) in coffee berry in air baggage from Colombia, *Inga* sp. pod in air baggage from Ecuador, mango in aircargo from Jamaica, baggage from Mexico, and quarters from Venezuela, and in peach and sweet orange in baggage from Mexico.

Ceratitis sp., probably *capitata* (once), in sweet orange in baggage from Italy.

Dacus sp., probably *dorsalis* (once), in mango in air baggage from Hawaii.

Dacus sp. (10 times) in cucumber in stores from Ghana and West Africa, *Cucumis heptadactylus* seed in mail from the Republic of South Africa, Cucurbitaceae in air baggage from India, grapefruit in air baggage from Pakistan, mango in air baggage from India and the Philippines, pepper in stores from Angola, and squash in stores from Senegal. *Dacus* sp. (?) (3 times) in cucumber in stores from Liberia, mango in air baggage from the Philippines, and towel-gourd in baggage from Vietnam.

Rhagoletis sp., probably *alternata* (once), in rose hip in baggage from Germany.

Rhagoletis sp., probably *cerasi* (6 times), in cherry in air baggage from Austria, Hungary, and an unknown origin, aircargo from Switzerland, and air stores from France and an unknown origin.

Rhagoletis sp. (37 times) in apple in air baggage and baggage from Mexico, cherry in air baggage from Sweden and air quarters from an unknown origin, and crabapple, hawthorn fruit, and *Lycium berlandieri* in baggage from Mexico. *Rhagoletis* sp. (?) (9 times) in apple in baggage from Italy and Mexico and stores from Peru, baggage (with beans) from Italy, *Lycium berlandieri* in baggage from Mexico, peach in air baggage from Mexico, and quince in baggage from Mexico.

Tephritidae (23 times) larva and pupa in apple in air stores from Canada and Germany and baggage from Mexico, pupa in celery in stores from France, pupa in chili pepper in air baggage from Thailand, adult with *Chrysanthemoides* sp. seed in aircargo from the Republic of South Africa, pupa with chrysanthemum flower in air baggage from Japan, larva with frangipani flower in mail from Hawaii, larva in grapefruit in stores from Israel(?), pupa with guar gum in cargo from India, larva with heather in air baggage from Scotland, pupa with karaya gum in cargo from India, larva in peach in air stores from Peru, larva in pepper in baggage from Mexico, larva in pomegranate in air baggage from Argentina, larva and pupa in preserved fruit in stores from Algeria(?), larva in star-apple in air baggage from the Philippines, eggs in sweet orange in stores from Venezuela and larva in stores from Costa Rica, pupa in tomato in stores from an unknown origin, larva in tropical almond in air baggage from Hawaii, and larva and pupa in unidentified seed in air baggage from Italy. Tephritidae (?) (4 times) larva in apple in stores from Peru, pupa with banana in cargo from Ecuador, larva in chili pepper in baggage from Mexico, and larva in genip fruit in air baggage from Venezuela.

INCOMPLETELY DETERMINED INSECTS

Of special interest among the incompletely determined insects, other than fruit flies, were the following:

Acheta sp., near *hispanicus* (Gryllidae), evidently a native Moroccan cricket not known to occur in the United States, in the baggage compartment of an airplane from Morocco.

Aleyrodidae, new genus near *Aleurodicus*, n. sp., on *Encyclia* sp. plant in aircargo from Honduras; *Laelia anceps* plant in cargo from Mexico; *Odontoglossum* sp. leaf in aircargo from Guatemala; *Oncidium cebolleta* leaf in cargo from Mexico;

Oncidium sp. leaf in aircargo from Guatemala; and orchid leaf in air baggage from Guatemala, aircargo from El Salvador and Guatemala, and cargo from Mexico. Aleyrodidae, genus and species not recognized, very interesting, on grape leaf in air stores from France.

Anthonomus sp., probably *rectirostris* (Curculionidae), in wild Mazzard cherry seed in cargo from Austria.

Aphidae, genus near *Jacksonia* and *Carolinaia*, species not recognized, on cedar seedling in air baggage from Lebanon.

Apion sp., probably *carduorum* Kirby (Curculionidae), in cardoon in mail from Italy and artichoke in aircargo from France.

Arhopalus sp., possibly *ferus* (Muls.) (Cerambycidae), in coniferous packing board on marble in cargo from Italy.

Baris sp., probably *lepidii* Germ. (Curculionidae), in horseradish roots in air baggage from Yugoslavia.

Bemisia sp., apparently undescribed, near *shinanoensis* (Kuw.) (Aleyrodidae), on carnation and chrysanthemum cut flowers in air baggage and spirea leaf in air quarters from Japan.

Brachyrhinus sp. (Curculionidae) on amaryllis bulb in air baggage from Greece, astilbe roots in cargo from the Netherlands, boxwood leaf in air quarters from an unknown origin, packing material in cargo from the Netherlands, pomegranate in air baggage from Israel, rose in air baggage from Finland, rose and lilac in aircargo and cargo from Germany, and in soil with cactus and stonecrop plants in air baggage from Belgium.

Bruchidius sp., near *dispar* Gyll. (Bruchidae), in *Crotalaria* sp. seed pod in aircargo from the Republic of the Congo.

Bruchidius sp., near *orchesiodes* Heyd. (Bruchidae), in guar seed in airmail and mail from India and in cargo from Pakistan,

Bruchus sp., probably *lentis* (Bruchidae), in lentil in stores from Germany.

Ceutorhynchus sp., possibly *contractus* Marsh. (Curculionidae), in turnip in stores from France.

Cnephasia sp., near or *virgaureana* (Treit.) (Tortricidae), on lettuce in air stores from England(?).

Conarthrus sp., near *cylindricus* (Woll.) (Curculionidae), in bamboo support with orchid in baggage from Brazil.

Cylas sp., possibly *puncticollis* (Curculionidae), in sweetpotato in cargo from Nigeria.

Diaprepes sp., probably *abbreviatus* (Curculionidae), in *Dioscorea* sp. tuber in baggage and cargo from Puerto Rico.

Earias sp. (Noctuidae) in okra pod in air baggage from India.

Epicaerus sp., probably *cognatus* Sharp (Curculionidae), in potato in cargo from Mexico.

Gymnandrosoma sp. (Olethreutidae) with akee and pomegranate fruits in aircargo from Colombia; in jujube in air baggage from Honduras; in lime in baggage from Mexico; and in sweet orange in baggage from Mexico, quarters from Venezuela, and stores from Brazil, Ecuador, and Venezuela.

Harmolita sp. (Eurytomidae) (12 times) in esparto needlegrass brooms in cargo from Italy.

Heilipus sp., possibly *trifasciatus* (F.) (Curculionidae), in persea budwood in aircargo from Costa Rica.

Hyllobius sp. (Curculionidae) in linganberry in air baggage from Finland.

Hylurgops sp., probably *palliatius* (Gyll.) (Scolytidae), in pine log in dunnage from Finland.

Hypera sp., evidently *brunneipennis* Boh. (Curculionidae), in garlic in cargo from Mexico, lemongrass in baggage from Mexico, rice straw packing in cargo from the United Arab Republic, soil in baggage from Mexico, and tomato in cargo from Mexico.

Lixus sp. (Curculionidae) in beet in stores from the United Arab Republic, bell pepper in cargo from Mexico, corn stalk in cargo from an unknown origin, and turnip in stores from Italy.

Mamestra sp., probably *brassicae* (Noctuidae), in airplane from Japan.

Phyllotreta sp., probably *consobrina* Curtis (Chrysomelidae), in cabbage in stores from France.

Phyllotreta sp., probably *cruciferae* (Goeze) (Chrysomelidae), in cabbage in stores from Italy.

Prays sp., near or *endocarpa* Meyr. (Yponomeutidae), in sweet orange in aircargo from the Philippines.

Premnotrypes sp., probably *solani* Pierce (Curculionidae), in potato in stores from Peru. *Premnotrypes* sp. (31 times) in potato in air baggage from Bolivia, Colombia, and Peru, baggage from Colombia, and stores from Colombia, Ecuador, and Peru; and an adult on cardboard carton of bell pepper in stores from an unknown origin.

Rhynchaenus sp. (Curculionidae) on rose and lilac in aircargo from the Netherlands.

Rhynchites sp. (Curculionidae) in *Berberis* sp. seed in airmail and mail from Nepal; in glandbearing oak seed in mail from Japan, with lichen in baggage from Mexico, on orchid plant in cargo from Mexico, and in wild Mazzard cherry seed in cargo from Austria.

Rhynchotarsonemus n. sp. (Tarsonemidae) on boxwood leaf in air quarters from England.

Selenaspidus sp., probably new (Coccidae), on *Cycas* sp. seed in mail from Nigeria.

Sesamia sp., possibly *nonagriodes* (Noctuidae), on cabbage in stores from Italy. *Strophosoma* sp. (Curculionidae) in packing material in cargo from the Netherlands.

Thripidae, undescribed genus and spp., on anthurium cutting in air baggage from Colombia.

Tipula sp., *oleracea* group (Tipulidae), in soil with pine seedling in air quarters from Germany and on strawberry plant in air baggage from Sweden.

Xyleborus sp., near *eurygraphus* Ratz. (Scolytidae), in melon in cargo from Spain.

INCOMPLETELY DETERMINED DISEASES

Of the 382 incompletely determined diseases, the following are of special interest:

Ascochyta sp. on *Epimedium niveum* leaf in aircargo from England. None reported on this host as far as is known.

Cercospora sp., apparently undescribed, on philodendron cutting in cargo from Mexico. No record on this host. *Cercospora* sp. on anthurium leaf in baggage from Mexico.

Pestalotia sp. on *Arachnanthe flos-aeris* var. *insignis* orchid leaf in aircargo from Thailand. No report on this host as far as known.

Phyllosticta sp. on *Vaccinium leucanthemum* leaf in air quarters from Mexico. Does not agree entirely with any reported *Phyllosticta* on this host genus.

Pleurotes sp. on star cactus in cargo from Mexico.

Uromycladium sp., prob. *alpinum* McAlp., on flaxleaf acacia seed in mail from Australia.

INCOMPLETELY DETERMINED NEMATODES

Of the 379 nematode interceptions not completely identified, the following are significant:

Aphelenchoides sp., probably *parietinus* or *chamelocephalus*, in ginger root in cargo from Japan.

Criconemoides sp., near *informe*, in amaryllis and in soil with fern in baggage from Mexico.

Criconemoides sp., probably new species close to *xenoplax* Raski, 1952, in soil with pyramid Chinese juniper in baggage from Japan.

Criconemoides sp. in soil with various unidentified plants in baggage from Mexico.

Ditylenchus sp., probably *dipsaci*, in onion in air baggage from Mexico.

Ditylenchus sp. in lily-of-the-valley pip in cargo from Denmark.

Helicotylenchus sp., close to *digonicus* Perry in Perry, Darling and Thorne, 1959. in soil with mountain heath in mail from Scotland.

Helicotylenchus sp. (35 times) in *Chamaedorea* sp. plant, common portulaca plant, dahlia root, soil, and soil with the following plants: Agave, begonia, bougainvillea, cactus, coffee, fern, gardenia, ginger, lavender, lily, mint, pepper, philodendron, primrose, spiderwort, unidentified, and verbena. Countries of origin were England, Finland, Guatemala, Hawaii, Italy, and Mexico.

Heterodera sp., probably *rostochiensis*, in soil with fuchsia plant in air baggage from Ireland.

Heterodera sp., *goettingiana* group (78 times), in soil samples, soil with automobiles and military cargo, and soil with various plants and vegetables from Argentina, Azores, England, France, Germany, Greece, Guatemala, Ireland,

Italy, Japan, Mexico, Netherlands, Poland, Portugal, Scotland, Spain, Sweden, and Yugoslavia.

Heterodera sp., *rostochiensis* group, probably "horsenettle cyst nematode," in soil with bougainvillea plant in baggage from Mexico and ullucus tuber in air baggage from Bolivia. *Heterodera* sp., *rostochiensis* group, in soil with begonia, chili pepper, Chinese hibiscus(?), mango, nasturtium, *Origanum* sp.(?), and treebine plants in baggage from Mexico; and in soil with potato in stores from Germany and Italy.

Heterodera sp., *schachtii* group (111 times), in soil samples, soil with automobiles and van pack skids, and soil with various flower plants and vegetables. Countries of origin were Argentina, Australia, Belgium, Canary Islands, Chile, Czechoslovakia, Denmark, England, Finland, France, Germany, Greece, Guatemala, Ireland, Italy, Lebanon, Netherlands, New Zealand, Norway, Okinawa, Paraguay, Poland, Portugal, Scotland, Sweden, and an unknown origin.

Heterodera sp. (4 times) in soil with cactus plant in air baggage from Germany; soil with potato in air baggage from Ireland, soil with rosemary plant in air baggage from Poland, and soil with shamrock in mail from Northern Ireland.

Hoplolaimus sp. (3 times) in soil with agave, pricklypear, and unidentified plants in baggage from Mexico.

Meloidogyne sp. (33 times) in roots of various flower and ornamental plants from Austria, England, Fiji, Germany, Hawaii, India, Japan, Mexico, Netherlands, Portugal, Republic of South Africa, Spain, and Switzerland.

Paratylenchus sp. in soil with mountain heath plant in mail from Ireland.

Pratylenchus sp. (12 times) in amaryllis bulb, cornflower root, Fortunes plantainlily root, helianthus root, lungwort root, and in soil with coffee, maidenhair fern, mountain heath, and unidentified plants from the Azores, England, India, Ireland, Mexico, Netherlands, and the Republic of South Africa.

Psilenchus sp. in unidentified plant in mail from India.

Rotylenchus sp. in soil with yucca in cargo from Guatemala.

Scutellonema sp. in soil with amaryllis plant, gardenia plant, and lily bulb in baggage and ragweed plant in mail from Mexico.

Trichodorus sp. in soil with camellia plant in baggage from Portugal.

Tylenchorhynchus sp., near *latus* Allen, 1955, in soil with gardenia plant in baggage from Mexico.

Tylenchorhynchus sp. (18 times) in soil with agave, chrysanthemum, coleus, gardenia, hibiscus, orchid, pricklypear, succulent, and unidentified plants in baggage from Mexico, soil with snails in air baggage from the Philippines, soil with unidentified plants in air baggage from England, and in tuberous begonia in air baggage and mail from Belgium.

Tylenchus sp., near *discrepans* Andrassy, 1954, in soil with pine plant in air baggage from Japan.

Tylenchus sp. (5 times) in soil with begonia in baggage from Argentina, soil with coffee, dahlia, and philodendron plants in baggage from Mexico, and in unidentified plants in mail from India.

Xiphinema sp. (5 times) in soil with amaryllis bulb and pepper plant in baggage from Mexico, soil with camellia in baggage from Portugal, and soil with common cassava root in cargo from Guatemala.

CHANGES IN NOMENCLATURE

For reference purposes the following list represents insect name changes which have occurred since the issuance of the previous list. Disease name changes are included in the tabulation.

Aleurotrachelus jelenekii (Frauen.) (= *Frauenfeldiella jelenekii* (Frauen.))

Bruchidius villosus (F.) (= *Sparteus villosus* (F.))

Bruchus rufipes Hbst. (= *B. guttalis* Rey)

Incisitermes repandus (Hill) (= *Kaloterмес repandus* Hill)

Lygaeus pulchellus F. (= *Ochrostomus pulchellus* (F.))

Merodon equestris (F.) (= *Lampetia equestris* (F.))

Ovatus crataegarius (Wlk.) (= *Phorodon menthae* (Buckt.))

Taeniothrips eucharii (Whetzel) (= *T. gracilis* Moulton)

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease	Country	Insect	Disease
Africa:			Europe—Continued		
Africa (country(?))	5	0	Denmark	26	2
Algeria	6	0	England	173	51
Angola	1	0	Europe (country(?))	115	12
Canary Islands	1	1	Finland	5	0
Cape Verde Islands	1	0	France	124	8
Ethiopia	2	0	France(?)	1	0
Federation of Rhodesia and			Germany	89	16
Nyasaland	1	0	Greece	74	3
Ghana	3	0	Hungary	15	0
Ivory Coast	1	0	Ireland	98	31
Kenya	5	0	Italy	585	17
Kenya(?)	1	0	Malta	3	0
Liberia	8	0	Netherlands	76	7
Libya	10	0	Netherlands(?)	1	0
Madagascar	2	0	Northern Ireland	0	1
Morocco	59	0	Norway	8	3
Mozambique	2	0	Norway(?)	0	1
Nigeria	4	0	Poland	33	0
Republic of South Africa	23	275	Portugal	53	7
Republic of the Congo	8	0	Scotland	23	5
Senegal	5	1	Spain	104	8
Seychelles	1	0	Sweden	7	2
Sierra Leone	8	0	Switzerland	15	25
Sudan	66	0	Union of Soviet Socialist		
United Arab Republic	11	0	Republics	1	0
West Africa	6	0	Yugoslavia	8	0
Zanzibar	1	0	North America:		
Asia:			Bermuda	4	0
Afghanistan	0	3	Bermuda(?)	1	0
Burma	1	0	Canada	3	2
Ceylon	5	0	Central America:		
China	9	28	British Honduras	17	1
Cyprus	3	0	Canal Zone	22	5
Federation of Malaysia	3	4	Costa Rica	21	7
Federation of Malaysia(?)	1	0	El Salvador	47	3
Formosa	11	16	Guatemala	51	10
Hong Kong	22	127	Honduras	11	4
Hong Kong(?)	1	0	Nicaragua	22	5
India	84	163	Panama	54	3
India(?)	0	1	Panama(?)	1	0
Indonesia	2	0	Iceland	2	0
Iran	9	0	Mexico	848	73
Israel	33	0	Mexico(?)	0	1
Japan	518	466	West Indies:		
Japan(?)	1	0	American Virgin Islands	1	0
Jordan	2	0	Antigua	5	0
Korea	1	0	Aruba	1	0
Kuwait	1	0	Bahamas	6	3
Lebanon	11	2	Barbados	8	1
Macao	1	0	British Virgin Islands	1	0
Nepal	0	1	British West Indies (island		
Pakistan	23	4	(?)	1	0
Thailand	7	5	Cuba	5	0
Turkey	20	0	Curacao	2	0
Vietnam	6	3	Dominica	2	0
Australasia:			Dominican Republic	175	16
American Samoa	5	1	Grenada	4	1
Australia	20	43	Haiti	40	11
Australia(?)	1	0	Jamaica	60	14
Eniwetok	1	0	Nevis	1	0
Fiji	18	1	Puerto Rico	65	12
Guam	6	0	St. Kitts	3	0
Hawaii	555	9	St. Martin	2	0
Kwajalein	4	0	Tortola	3	0
New Guinea	1	2	Trinidad	19	2
New Zealand	5	4	West Indies (island(?))	21	0
Okinawa	2	1	South America:		
Okinawa(?)	1	0	Argentina	10	96
Palmyra Island	1	0	Bolivia	1	0
Philippines	36	7	Brazil	59	102
Tahiti	15	0	British Guiana	3	1
Tahiti(?)	0	1	Chile	8	0
Wake Island(?)	1	0	Colombia	10	2
West Pacific	3	0	Ecuador	59	9
Europe:			French Guiana	1	0
Austria	5	6	Paraguay	0	2
Azores	35	0	Peru	10	7
Belgium	12	2	South America (country(?))	0	19
Crete	7	0	Surinam	3	1
Czechoslovakia	6	1	Uruguay	1	7

Summary of Numbers of Interceptions Listed in Main Table—Continued

Country	Insect	Disease	Country	Insect	Disease
South America—Continued			Totals—Continued		
Venezuela-----	6	0	Incompletely determined		
Totals:			pests-----	4,558	761
Africa-----	241	277	Total insect interceptions--	9,849	
Asia-----	775	823	Total disease interceptions--		2,633
Australasia-----	675	69	Grand total*-----		12,482
Europe-----	1,702	208			
North America-----	1,529	174			
South America-----	171	246			
Unknown-----	198	75			
Total-----	5,291	1,872			

*This total represents only pests of known or potential plant quarantine importance or organisms of scientific interest. The total of all interceptions made during the year was 31,439.

NOTE.—Interceptions were also made from Anguilla, Ascension Island, Cayman Islands, Christmas Island, Clipperton Island, Guadeloupe, Johnston Island, Madeira Islands, Martinique, Midway Islands, Montserrat, New Caledonia, Rumania, St. Vincent, Saudi Arabia, Tanganyika, Tonga Islands, Tunisia, and Wales.

Pests Recorded From July 1, 1962, Through June 30, 1963

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Acanthoscelides armitagei</i> (Pic) (Bruchidae):	Canal Zone, Panama,	4		1	Fla., N.Y.
<i>Cajanus cajan</i> (pigeonpea).....	Trinidad.				
<i>Phaseolus lunatus</i> (lima bean).....	Peru.....		1		La.
<i>Acanthoscelides biazae</i> (Drapiez) (Bruchidae):					
<i>Biza orellana</i> (anatto-tree) seed.....	Brazil.....	1			N.Y.
<i>Acanthoscelides spinipes</i> (Er.) (Bruchidae):					
<i>Acacia farnesiana</i> (sweet acacia) seed.....	Italy.....			1	N.Y.
<i>Acacia</i> sp. (seed).....	Greece, Italy.....			4	N.Y.
<i>Aceria pluchaeae</i> (Cook) (Eriophyidae):					
<i>Pluchea odorata</i> (leaf).....	Puerto Rico.....	1			P.R.
<i>Aceria rudis</i> (Can.) (Eriophyidae):					
<i>Betula</i> sp. (birch) leaf.....	Germany.....	1			N.Y.
<i>Aceria tulipae</i> (Keif.) (Eriophyidae):					
<i>Allium cepa</i> (onion) sets.....	Mexico.....			1	Calif.
<i>Achaea janata</i> (L.) (Noctuidae):					
Airplane.....	Fiji, unknown.....		2		Hawaii.
<i>Codiaeum variegatum</i> (variegated croton) leaf.....	Hawaii.....	2			Hawaii.
Leaf—unidentified.....	do.....	1			Hawaii.
<i>Achatina fulica</i> Bowdich (Achatinidae):					
Military cargo (packing crates).....	Formosa.....	1			Hawaii.
<i>Acheta hispanicus</i> (Rambur) (Gryllidae):					
Airplane.....	Morocco.....		2		Fla.
<i>Acrida sulphuripennis</i> (Gerst.) (Acrididae):					
Cargo (brought as food for shrews).....	Kenya.....	1			N.Y.
<i>Acrolepia assectella</i> (Zell.) (Yponomeutidae):					
<i>Allium cepa</i> (onion).....	France.....	1			N.Y.
<i>A. porrum</i> (leek).....	France, Germany, Italy, Netherlands.	1	16		Calif.,* Fla., N.Y., Ohio, Pa.
	France.....			2	N.Y.
Stores (with cauliflower).....					
<i>Acrosternum heegeri</i> (Fieber) (Pentatomidae):					
<i>Hibiscus cannabinus</i> (kenaf hibiscus) seed.....	Ghana.....			1	D.C.
<i>Adoretus sinicus</i> Burm. (Scarabaeidae):					
Airplane.....	Hawaii.....		1		Hawaii.
Baggage.....	do.....	1			Hawaii.
Flowers.....	do.....	2			Hawaii.
Mail (in sack).....	Guam.....	1			Hawaii.
Orchid (cut flower).....	Hawaii.....	1			Hawaii.
<i>Adorophyes reticulana</i> (Hbn.) (Tortricidae):					
<i>Syringa</i> sp. (lilac) cut flower.....	Belgium, Germany, Netherlands.	8			N.Y.
<i>Aellopos tantalus</i> (L.) (Sphingidae):					
Automobile.....	Mexico.....		1		Tex.
<i>Aeneolamia reducta</i> (Lall.) (Cercopidae):					
Airplane.....	Panama(?), West Indies (island(?)).		2		Fla., P.R.
<i>Aethus indicus</i> (Westw.) (Cydnidae):					
Airplane.....	Unknown.....		1		Hawaii.
<i>Aganactesis indecora</i> Dyar (Galleriidae):					
<i>Cassia fistula</i> (goldenshower senna) seed.....	Dominican Republic.....			1	Fla.
<i>Cassia</i> sp. (seed pod).....	Brazil, Trinidad.....			2	Fla.
<i>Agriphila latistria</i> (Haw.) (Crambidae):					
Airplane.....	France(?).....		1		Del.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus aurantifolia</i> (lime) leaf and stem.....	Costa Rica, Mexico.....	9	1		Calif.,* Tex.
<i>C. aurantium</i> (sour orange) leaf.....	Mexico.....	2			Calif.
<i>C. sinensis</i> (sweet orange) leaf.....	do.....	1			Tex.
<i>Citrus</i> sp. (leaf).....	Ecuador, Jamaica, Mexico, Nicaragua.	22			Ariz., Calif. Fla., Ill. La., Tex
<i>Rosa</i> sp. (leaf).....	Jamaica.....	1			Fla.
<i>Aleurocanthus woglumi</i> Ashby (?) (Aleyrodidae):					
<i>Citrus aurantifolia</i> (lime) leaf.....	Mexico.....	2			Tex.
<i>Citrus</i> sp. (leaf).....	do.....	1			Tex.
<i>Coffea</i> sp. (leaf).....	Jamaica.....	1			Fla.
<i>Aleurodicus iridescens</i> Ckll. (Aleyrodidae):					
<i>Echinodorus</i> sp. (burhead) leaf.....	Peru.....			2	Fla.
<i>Aleurodicus trinidadensis</i> (Kll.) (Aleyrodidae):					
<i>Dendrobium</i> sp. (orchid) leaf.....	Colombia.....			1	Fla.
<i>Aleurolobus olivinus</i> Silvestri (Aleyrodidae):					
<i>Olea</i> sp. (olive) leaf of cutting.....	Spain.....	1			N.Y.

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<i>Aleuroparadoxus gardeniae</i> Rsl. (Aleyrodidae):					
<i>Citrus</i> sp. (leaf).....	Mexico.....	1			Tex.
<i>Gardenia</i> sp. (leaf).....	do.....	1			Tex.
<i>Aleuroplatus variegatus</i> Q. & B. (Aleyrodidae):					
<i>Pilbergia</i> sp. (airbrom).....	Honduras.....			1	Calif.*
<i>Chamaedorea elegans</i> (palm) frond.....	Mexico.....	5			Tex.
<i>Chamaedorea</i> sp. (frond).....	do.....	2			Tex.
<i>Aleurotrachelus jelenekii</i> (Frauen.) (Aleyrodidae):					
Leaf—unidentified.....	Italy.....		1		Mass.
<i>Aleurotuberculatus aucubae</i> (Kuw.) (Aleyrodidae):					
<i>Citrus</i> sp. (leaf).....	Japan.....		1		Wash.
<i>Crataegus</i> sp. (hawthorn) leaf of plant.....	do.....			1	Hawaii.
<i>Pyracantha</i> sp. (firethorn) leaf.....	do.....			2	Wash.
<i>Aleurotuberculatus jasmini</i> Takah. (Aleyrodidae):					
<i>Jasminum</i> sp. (jasmine).....	Philippines.....			1	D.C.
<i>Alloxaxis spinosus</i> Arnett (Oedemeridae):					
Airplane.....	Dominican Republic.....		1		Fla.
Baggage.....	Jamaica.....	1			Fla.
<i>Amatissa consorta</i> (Templ.) (Psychidae):					
<i>Camellia japonica</i> (common camellia).....	Japan.....	1			Hawaii.
<i>Amblycerus reticulatus</i> Jekel (Bruchidae):					
<i>Colubrina rufa</i> (seed).....	Brazil.....			1	D.C.
<i>Anastrepha fraterculus</i> (Wied.) (?) (Tephritidae):					
<i>Coffea</i> sp. (coffee) berry.....	do.....	1			Fla.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Calocarpum sapota</i> (mamey sapote).....	Mexico.....	1	3		Ariz., N.Y.
<i>Citrus aurantifolia</i> (sweet lime).....	do.....	20			Ariz., Calif., Tex.
<i>C. paradisi</i> (grapefruit).....	do.....	12	4		Ill., N.Y., Tex.
<i>C. reticulata</i> (Mandarin orange).....	do.....	3			Tex.
<i>C. sinensis</i> (sweet orange) fruit and seed.....	do.....	153	43	2	Ala., Ariz., Calif., Fla., Ill., Md., N.Y., Tex.
<i>Cydonia oblonga</i> (quince).....	do.....	11	1		Calif.,* Tex.
<i>Malus sylvestris</i> (apple).....	do.....	2			Tex.
<i>Mammea americana</i> (mamey).....	do.....		1		N.Y.
<i>Mangifera indica</i> (mango).....	Mexico, Panama.....	130	4		Ariz., Calif., Calif.,* Ill., N.Y., Tex.
<i>Prunus persica</i> (peach).....	Mexico.....	3			Tex.
<i>Punica granatum</i> (pomegranate).....	do.....	3			Tex.
<i>Pyrus communis</i> (pear).....	do.....	6			Tex.
<i>Anastrepha ludens</i> (Loew) (?) (Tephritidae):					
<i>Calocarpum sapota</i> (sapote).....	do.....		1		N.Y.
<i>Mangifera indica</i> (mango).....	do.....	2			Tex.
<i>Anastrepha mombinpraepoptans</i> Sein (Tephritidae):					
Airplane.....	Nicaragua.....		1		P.R.
Fruit—unidentified.....	Mexico, unknown.....	3			Calif.,* Tex.
<i>Mangifera indica</i> (mango).....	Brazil, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, St. Kitts, St. Martin, unknown.....	313	20		Ala., Am. V.I., Ariz., Calif., Calif.,* Fla., La., N.Y., N.C., P.R., S.C., Tex.
<i>Psidium guajava</i> (guava).....	El Salvador, Guatemala, Mexico, Tortola.....	7			Am. V.I., Calif.,* La.
<i>Spondias mombin</i> (yellow mombin).....	Costa Rica, El Salvador, Guatemala, Mexico, Nicaragua, Puerto Rico.....	29			Calif.,* P.R., Tex.
<i>S. purpurea</i> (purple mombin).....	Mexico.....	1			Tex.
<i>Terminalia catappa</i> (tropical almond).....	Jamaica.....	1			N.Y.

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<i>Anastrepha ocesia</i> (Walk.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla).....	Dominican Republic.....	1	-----	-----	P.R.
<i>Anastrepha striata</i> (Schin.) (Tephritidae):					
<i>Psidium guajava</i> (guava).....	El Salvador, Nicaragua.....	2	-----	-----	Calif.*
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Psidium guajava</i> (guava).....	Dominican Republic, Puerto Rico.....	3	-----	-----	N.Y., P.R.
<i>Ancylostomia stercorea</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Bahamas, Barbados, Canal Zone, Dominican Republic, Grenada, Haiti, Jamaica, Nevis, Panama, Puerto Rico, Trinidad, unknown, West Indies (island(?)).....	96	3	-----	Am. V.I., Bahamas, Calif.,* Fla., N.Y., N.C., P.R.
Mail (with <i>Citrus</i> sp. leaves).....	Dominican Republic.....	1	-----	-----	Fla.
<i>Phaseolus lunatus</i> (lima bean).....	Trinidad.....	1	-----	-----	N.Y.
<i>Pisum sativum</i> (pea).....	Dominican Republic, Jamaica, Panama.....	4	-----	-----	Fla., Mich., N.Y.
<i>Anechura vara</i> Scudd. (Forficulidae):					
Bromeliad.....	Mexico.....	-----	-----	1	Tex.
<i>Anthonomus albolineatus</i> Champ. (Curculionidae):					
Orchid.....	do.....	-----	-----	1	Tex.
<i>Anthonomus rectirostris</i> (L.) (Curculionidae):					
<i>Prunus serotina</i> (black cherry) seed.....	Belgium.....	-----	-----	1	N.J.
<i>Antliarhinus zamiae</i> (Thunb.) (Curculionidae):					
<i>Encephalartos longifolius</i> (longleaf kaffirbread).....	Republic of South Africa.....	-----	-----	1	D.C.
<i>Anuraphis cardui</i> (L.) (Aphidae):					
<i>Cynara scolymus</i> (artichoke).....	France, Italy.....	1	1	-----	N.Y., Ohio.
<i>Rosa</i> sp. (rose) cut flower.....	Germany.....	1	-----	-----	N.Y.
<i>Aonidiella citrina</i> (Coq.) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit).....	Japan.....	-----	1	-----	Hawaii.
<i>C. sinensis</i> (sweet orange).....	Australia.....	-----	1	-----	Hawaii.
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
Palm (leaf).....	Japan.....	-----	1	-----	Oreg.
<i>Apate monachus</i> F. (Bostrichidae):					
Wood (packing boards).....	Republic of the Congo.....	1	-----	-----	Md.]
<i>Aphidura pufjohi</i> (Gomez-Menor) (Aphidae):					
<i>Dianthus caryophyllus</i> (carnation) leaf.....	Portugal.....	-----	-----	1	Mass.
<i>Apionura lentisci</i> Pass. (Aphidae):					
<i>Ornithogalum</i> sp. (cut flower).....	Israel.....	1	-----	-----	N.Y.
<i>Aracercus cumingi</i> Jekel (Anthribidae):					
<i>Entada phaseoloides</i> (climbing entada) seed.....	Guam.....	1	-----	-----	Hawaii.
<i>Aracercus levipennis</i> Jord. (Anthribidae):					
<i>Acacia koa</i> (koa) seed pod.....	Hawaii.....	5	-----	-----	Hawaii.
Airplane.....	do.....	-----	4	-----	Hawaii.
<i>Ananas comosus</i> (pineapple).....	do.....	1	-----	-----	Hawaii.
<i>Leucaena leucocephala</i> (white popinac leadtree) seed pod.....	do.....	41	-----	-----	Hawaii.
Seed—unidentified.....	do.....	1	-----	-----	Hawaii.
<i>Vanda</i> 'Miss Joachim' (orchid) flower.....	do.....	2	-----	-----	Hawaii.
<i>Ardis sulcata</i> (Cam.) (Tenthredinidae):					
<i>Rosa</i> sp. (rose) stem.....	Austria, Finland, Germany, Hungary, Netherlands.....	4	1	-----	N.Y., Ohio.
<i>Arge ochropus</i> (Gmel.) (Argidae):					
<i>Rosa</i> sp. (rose) cut flower.....	Germany, unknown.....	1	1	-----	Ill., N.Y.
<i>Argyroploce lacunana</i> (D. & S.) (Olethreutidae):					
<i>Betula</i> sp. (birch) plant.....	Norway.....	-----	-----	1	Wash.
<i>Arianta arbustorum</i> (L.) (Helicidae):					
Baggage.....	Germany.....	1	-----	-----	Va.
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower).....	Netherlands.....	-----	1	-----	Va.
<i>Lactuca sativa</i> (lettuce).....	do.....	-----	1	-----	Va.
<i>Viola</i> sp. (violet) plant.....	Germany.....	-----	-----	1	Ill.
<i>Arphnus melanotylus</i> Ashlock (Lygaeidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1	-----	-----	Tex.
Bromeliad.....	do.....	-----	-----	1	Tex.
Orchid.....	do.....	-----	-----	1	Tex.

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<i>Aspidiotus capensis</i> Newst. (Coccidae) (tentative):					
<i>Euphorbia</i> sp. (leaf)-----	Republic of South Africa.			1	N.J.
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Cocos nucifera</i> (coconut) cap and stem-----	Costa Rica, Mexico, Panama.	5	2		Calif.*
Leaf—unidentified-----	Philippines		1		Hawaii.
<i>Musa</i> X <i>paradisica</i> (banana)-----	Ecuador	1			Calif.*
<i>Aspidiotus diffinis</i> (Newst.) (Coccidae):					
<i>Citrus reticulata</i> (Mandarin orange)-----	Japan		1		Calif.*
<i>Persea</i> spp. (budwood)-----	Mexico			1	Calif.*
<i>Aspidiotus excisus</i> Green (Coccidae):					
<i>Citrus sinensis</i> (sweet orange)-----	Trinidad		1		Calif.*
<i>Cocos nucifera</i> (coconut) cap-----	Mexico	1			Calif.*
<i>Aspidiotus herculeanus</i> Kkll. & Hadden (Coccidae):					
<i>Plumeria</i> sp. (frangipani)-----	Hawaii			2	Calif.*
<i>Aspidiotus palmarum</i> Kkll. (Coccidae):					
<i>Areca catechu</i> (betel palm) calyx of fruit-----	Guam	1			Wash. Fla.
<i>Neoregelia</i> sp. (bromeliad) leaf-----	Netherlands			1	Calif.*
Orchid (leaf)-----	New Guinea			1	Calif.*
Palm (leaf)-----	Federation of Malaysia.			1	Calif.*
<i>Aspidiotus putearis</i> Green (Coccidae):					
<i>Citrus limon</i> (lemon)-----	Italy		1		Calif.*
<i>Asterobemisia carpinii</i> (Koch) (Aleyrodidae):					
Leaf—unidentified-----	France		1		Calif.*
<i>Ribes</i> sp. (leaf)-----	France, unknown		3		N.Y.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo-----	Hawaii, Mexico	1		1	Calif.,* Tex.
<i>Bambusa</i> sp-----	Mexico, Panama			2	Calif.*
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
<i>Chamaedorea elegans</i> (palm) leaf-----	Mexico	1			Tex. Fla.
<i>Marillaria</i> sp. (orchid)-----	Venezuela			1	
<i>Aulacaspis tubercularis</i> Newst. (Coccidae):					
<i>Mangifera indica</i> (mango)-----	El Salvador, Guatemala, Nicaragua, Philippines.	7			Calif.,* Wash.
<i>Austrotortrix postrittana</i> (Wlk.) (?) (Tortricidae):					
<i>Malus sylvestris</i> (apple)-----	New Zealand	3			Hawaii.
<i>Prunus domestica</i> (plum)-----	do	1			Hawaii.
<i>Batrachedralinaria</i> Clarke (Cosmopterigidae):					
<i>Agave shawii</i> -----	Mexico			5	Calif.
<i>Bephrata maculicollis</i> Cam. (Eurytomidae):					
<i>Annona</i> sp-----	Costa Rica		1		Tex.
<i>Betulaphis quadrituberculatus</i> (Kltb.) (Aphidae):					
Airplane-----	Australia		1		Hawaii.
<i>Bibio hortulanus</i> (L.) (Bibionidae):					
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower)-----	France		1		N.Y.
<i>Blastodactena atra</i> (Haw.) (Cosmopterigidae):					
<i>Malus sylvestris</i> (apple)-----	Germany, Poland	2			N.Y.
<i>Blennocampa pusilla</i> (Klug) (Tenthredinidae):					
<i>Rosa</i> sp. (rose) cut flower-----	England	1			N.Y.
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae):					
<i>Allium sativum</i> (garlic)-----	Italy	6			N.Y.
<i>Brachycerus algerus</i> (F.) (Curculionidae):					
<i>Allium sativum</i> (garlic)-----	Italy, Spain	9	1		N.Y., P.R.
<i>Bradybaena similis</i> (Fer.) (Bradybaenidae):					
<i>Anthurium</i> sp. (cut flower)-----	Hawaii	2			Hawaii.
<i>Colocasia esculenta</i> (dasheen) plant-----	do			1	Hawaii.
<i>Cordylone terminalis</i> (ti)-----	do	1			Hawaii.
Flowers-----	do	1			Hawaii.
Military cargo-----	Bermuda	1			N.Y.
Orchid (cut flower)-----	Hawaii	1			Hawaii.
<i>Phaius wallichii</i> (orchid) cut flower-----	do	1			Hawaii.
<i>Vanda</i> 'Miss Joachim' (orchid) cut flower-----	do	2			Hawaii.
<i>Brevipalpus chilensis</i> Baker (Tenuipalpidae):					
<i>Citrus limon</i> (lemon)-----	Unknown		1		Fla.

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<i>Brevipalpus obovatus</i> Donn. (Tenuipalpidae):					
<i>Chamaecyparis pisifera</i> (Sawara falsecypress)	Japan	1			Hawaii.
<i>Citrus aurantifolia</i> (sour lime)	Brazil		1		Fla.
<i>Diospyros kaki</i> (kaki persimmon)	Japan	1			Hawaii.
<i>Spathoglottis</i> sp. (orchid) plant	Formosa			1	Hawaii.
<i>Bruchidius caeruleus</i> (Champ.) (Bruchidae):					
<i>Desmodium</i> sp. (tick clover)	Burma			1	D.C.
<i>Bruchidius debilis</i> (Gyll.) (Bruchidae):					
<i>Laburnum anagyroides</i> (goldenchain laburnum).	Italy			2	N.J.
<i>Bruchidius gilvus</i> (Gyll.) (Bruchidae):					
<i>Castanea</i> sp. (chestnut)	do	1			N.Y.
<i>Hedysarum coronarium</i> (sulla sweet-vetch)	do			1	N.Y.
<i>Triticum aestivum</i> (wheat)	do	1			N.Y.
<i>Bruchidius incarnatus</i> (Boh.) (Bruchidae):					
<i>Lens culinaris</i> (lentil)	do		1		N.C.
<i>Bruchidius marginalis</i> (F.) (Bruchidae):					
<i>Astragalus cicer</i> (seed)	Yugoslavia			1	D.C.
<i>Bruchidius meleagrinus</i> (Géné) (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Italy	1			N.Y.
<i>Bruchidius unicolor</i> (Ol.) (Bruchidae):					
<i>Spartium juncenm</i> (weavers-broom) seed	do			1	N.J.
<i>Bruchidius unicolor</i> (Ol.) (?) (Bruchidae):					
<i>Pisum sativum</i> (pea) seed	Republic of the Congo			1	D.C.
<i>Bruchidius villosus</i> (F.) (Bruchidae):					
<i>Cytisus scoparius</i> (Scotch-broom)	Belgium, England, Italy			4	N.J., Pa.
<i>Laburnum anagyroides</i> (goldenchain laburnum) seed.	Austria, Germany			2	N.J.
<i>Bruchus azoricus</i> Crotch (Bruchidae):					
<i>Vicia sativa</i> (vetch) seed	Portugal			2	N.Y.
<i>Bruchus dentipes</i> (Baudi) (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Greece, Iran, Italy	5			Ill., Md., Mass., N.Y.
<i>Bruchus emarginatus</i> Allard (Bruchidae):					
<i>Lathyrus</i> sp. (peavine) seed	Portugal			1	N.Y.
<i>Bruchus ervi</i> Froel. (Bruchidae):					
Baggage (with <i>Rosa</i> sp.)	France	1			N.Y.
<i>Lens culinaris</i> (lentil)	France, Germany, Greece, Italy, Lebanon, Mexico, Turkey, unknown.	21	3	1	D.C., Ill., La., Md., Mass., N.Y.
<i>Bruchus lentis</i> Froel. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Cyprus, France, Germany, Greece, Italy, Morocco, Netherlands, Spain, Turkey, United Arab Republic, unknown.	22	11		Fla., Ill., La., Mass., Mich., N.J., N.Y., N.C., Pa., S.C., Tex.
<i>Vicia faba</i> var. <i>equina</i> (horsebean)	Spain			1	Pa.
<i>V. sativa</i> (vetch) seed	Lebanon	1			N.Y.
<i>Vicia</i> sp. (seed)	Portugal			1	N.Y.
<i>Bruchus rufipes</i> Hbst. (Bruchidae):					
Baggage	Italy	1			N.Y.
Legume (seed)	Spain			1	N.Y.
<i>Pisum sativum</i> (pea)	Italy	1			N.Y.
Stores (with <i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)).	Germany			1	N.Y.
<i>Vicia faba</i> (broadbean)	England, Italy	1		1	N.Y., Wash.
<i>V. sativa</i> (vetch) seed	Azores, France, Italy	6			Md., Mass., N.Y.
<i>V. tenuifolia</i> (bramble vetch) seed	Czechoslovakia			1	D.C.
<i>Vicia</i> sp. (seed)	Azores, France, Yugoslavia	1		3	D.C., Mass., N.J.
<i>Bruchus rufipes luteicornis</i> Ill. (Bruchidae):					
<i>Vicia sativa</i> (vetch) seed	Italy, Portugal	3			N.J., N.Y.

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<i>Bruchus signaticornis</i> Gyll. (Bruchidae):					
<i>Lathyrus sativus</i> (grass peavine) seed	Italy	1			N.Y.
<i>Lens culinaris</i> (lentil) seed	Greece, Italy, Spain	11	2		Md., N.Y., Ohio, Tex.
<i>Vicia faba</i> (broadbean) seed	Italy	2			N.Y.
<i>Bruchus tristiculus</i> Fahr. (Bruchidae):					
<i>Lathyrus odoratus</i> (sweetpea) seed	Greece			1	S.C.
<i>L. sativus</i> (grass peavine) seed	Azores, Italy	2			Mass., N.Y.
<i>Lathyrus</i> sp. (peavine) seed	France, Italy, Portugal	3		3	Mass., N.J., N.Y.
Legume (seed)	Azores			1	Mass.
<i>Pisum sativum</i> (pea) seed	Israel, Italy	2		1	N.Y.
<i>Vicia faba</i> (broadbean) seed	Italy	2			N.J., N.Y.
<i>Bruchus tristis</i> Boh. (Bruchidae):					
<i>Cicer arietinum</i> (chickpea)	do	1			N.Y.
<i>Lathyrus sativus</i> (grass peavine) seed	do	5		4	N.Y.
<i>Lathyrus</i> sp. (seed)	do	10		1	Mass., N.Y.
<i>Pisum sativum</i> (pea)	Greece, Italy	1	1		N.Y.
<i>Vicia faba</i> (broadbean)	Italy, Yugoslavia	1		1	N.Y., Wash.
<i>Bruchus ulicis</i> Muls. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Greece	1			N.Y.
<i>Bruchus viciae</i> Ol. (Bruchidae):					
<i>Lathyrus latifolius</i> (perennial pea) seed	France, Netherlands			3	N.J., N.Y.
<i>Bryobia chari</i> Pritchard & Keifer (Tetranychidae):					
<i>Chrysanthemum morifolium</i>	Japan	2			Hawaii.
<i>Cacoecimorpha pronubana</i> (Hbn.) (Tortricidae):					
<i>Dianthus caryophyllus</i> (carnation)	Spain	1			N.Y.
<i>Rosa</i> sp. (plant)	Italy			1	N.Y.
<i>Callidium rufipenne</i> Motsch. (Cerambycidae):					
Dunnage	Japan		1		Fla.
Wood (crate)	do	2			Tex.
<i>Callosobruchus analis</i> (F.) (Bruchidae):					
<i>Pisum sativum</i> (pea)	Federation of Malaysia		1		Wash.
<i>Calypsocephala gerstaeckeri</i> Boh. (Chrysomelidae):					
<i>Chamaedorea</i> sp. (palm) leaf	Mexico	3			Tex.
<i>Carposina niponensis</i> Wlsm. (Carposinidae):					
<i>Malus sylvestris</i> (apple)	Japan		10		Hawaii, La., N.C., Pa., Wash.
<i>Caryedon gonagra</i> (F.) (Bruchidae):					
<i>Adenanthera pavonina</i> (sandal beadtrees) seed	Hawaii	1			Hawaii.
<i>Arachis hypogaea</i> (peanut)	Senegal, West Africa	1	1		N.Y., Ohio.
Baggage	Hawaii	1			Hawaii.
Ballast	Unknown		1		Mich.
<i>Cajanus cajan</i> (pigeonpea)	India		1		La.
<i>Cassia javanica</i> (appleblossom senna) pod	Hawaii	1			Hawaii.
<i>Cassia</i> sp. (pod)	do	4			Hawaii.
<i>Phaseolus vulgaris</i> (bean)	India		1		Tex.
<i>Plumeria</i> sp. (frangipani)	Guam		1		Hawaii.
Stores	India, unknown		2		Ill., La.
<i>Tamarindus indica</i> (tamarind) pod	British Guiana, Curacao, India, Mexico, Philip- pines, Thailand.	14	4		D.C., Hawaii, Ill., Mich., N.J., N.Y. Tex., Wash.
<i>Carystoides basochesii replana</i> (Plotz) (Hesperiidae):					
<i>Chamaedorea oblongata</i> (palm) leaf	Mexico	1			Tex.
<i>Carystoides lebbacius</i> (Hew) (Hesperiidae):					
<i>Chamaedorea elegans</i> (palm) leaf	do	1			Tex.
<i>Chamaedorea</i> sp. (leaf)	do	2			Tex.
<i>Cecilioides acicula</i> (Müller) (Achatinidae):					
<i>Daucus carota</i> var. <i>sativa</i> (carrot)	Netherlands		1		Fla.
Soil	Israel	1			Mass.
<i>Cenopalpus pulcher</i> (C. & F.) (Tenuipalpidae):					
Cutting—unidentified	Italy			1	N.Y.
<i>Malus sylvestris</i> (apple)	Spain		1		Tex.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonconsumption	Propagation	
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
Baggage (with sphagnum moss packing)-----	Hawaii-----	1	-----	-----	Hawaii.
Cactus (fruit)-----	Italy-----	3	-----	-----	N.Y.
<i>Calophyllum inophyllum</i> (Indiapoon beauty-leaf) fruit.	Hawaii-----	2	-----	-----	Hawaii.
<i>Capsicum annuum</i> (pepper)-----	Federation of Rhodesia and Nyasaland, Greece, Liberia.	7	-----	-----	N.Y.
<i>C. annuum</i> var. <i>grossum</i> (bell pepper)-----	Italy, Senegal-----	-----	2	-----	Ala., Pa.
<i>Carica papaya</i> (papaya)-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Citrus mitis</i> (calamondin orange)-----	do-----	1	-----	-----	Hawaii.
<i>C. paradisi</i> (grapefruit)-----	Argentina, Italy, Morocco, Spain, unknown.	1	5	-----	Fla., Mass., N.Y.
<i>C. reticulata</i> (Mandarin orange)-----	Africa (country(?)), Hawaii, Italy, Portugal, United Arab Republic, unknown.	10	4	-----	Hawaii, N.Y., P.R., S.C., Tex.
<i>C. sinensis</i> (sweet orange)-----	Argentina, Azores, Brazil, Cyprus, Europe (country(?)), Greece, Israel, Italy, Jordan, Morocco, Portugal, Republic of South Africa, Spain, United Arab Republic, unknown.	22	25	-----	Ala., Fla., Md., Mass, Minn., N.Y., Pa., P.R., Tex.
<i>C. sinensis</i> var. <i>shamuti</i> -----	Israel-----	2	-----	-----	N.Y.
<i>Coffea arabica</i> (Arabian coffee) berry-----	Brazil, Costa Rica, Hawaii, unknown.	63	-----	-----	Fla., Hawaii, N.Y., Tex.
<i>Cydonia oblonga</i> (quince)-----	France, Greece, Italy-----	11	-----	-----	N.Y.
<i>Diospyros kaki</i> (kaki persimmon)-----	Italy-----	1	-----	-----	N.Y.
<i>Diospyros</i> sp.-----	do-----	3	-----	-----	N.Y.
<i>Eugenia malaccensis</i> (Malay-apple)-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Eugenia</i> sp. (fruit)-----	do-----	2	-----	-----	Hawaii.
<i>Ficus carica</i> (fig)-----	Argentina, Brazil, Greece, Italy, Lebanon, Portugal, unknown, Uruguay.	30	2	-----	Mass., N.Y., Ohio, P.R.
Fruit—unidentified-----	Italy-----	1	-----	-----	N.Y.
<i>Malus sylvestris</i> (apple)-----	Azores, Italy, Malta, Portugal, Spain.	6	3	-----	Calif.,* Fla., N.Y., P.R., Va.
<i>Mangifera indica</i> (mango)-----	Hawaii, United Arab Republic.	3	-----	-----	Hawaii, N.Y.
<i>Opuntia humifusa</i> (pricklypear)-----	Italy-----	13	-----	-----	N.Y.
<i>Phoenix dactylifera</i> (date)-----	Lebanon-----	1	-----	-----	Ohio.
<i>Pistacia vera</i> (common pistache) pulpecoveringnut.	do-----	1	-----	-----	Ohio.
<i>Prunus armeniaca</i> (apricot)-----	France, Italy, Spain, unknown.	-----	4	-----	N.Y.
<i>P. domestica</i> (plum)-----	Azores, Italy, Portugal.	3	-----	-----	Mass., N.Y.
<i>P. persica</i> (peach)-----	Argentina, France, Greece, Israel, Italy, Peru, Portugal, Spain, unknown.	20	9	-----	Calif.,* Fla., Ill., Mass., N.J., N.Y., P.R., Va.
<i>P. persica</i> var. <i>nectarina</i> (nectarine)-----	Azores, Italy-----	2	-----	-----	Mass., N.Y.
<i>Psidium guajava</i> (guava)-----	Azores, Hawaii-----	4	-----	-----	Hawaii, Mass.
<i>Punica granatum</i> (pomegranate)-----	Argentina, Hawaii, Italy.	8	-----	-----	Fla., Hawaii, N.Y.
<i>Pyrus communis</i> (pear)-----	Azores, France, Israel, Italy, Malta, Portugal.	12	-----	-----	Calif.,* Ill., Mass., Mich., N.Y.
<i>Terminalia catappa</i> (tropical almond)-----	Hawaii-----	3	-----	-----	Hawaii.
<i>Zizyphus</i> sp. (jujube) dried-----	Italy-----	1	-----	-----	N.Y.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Noreentry	Propagations	
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Capsicum annuum</i> (pepper).....	Argentina, Liberia.....	1	1	-----	N.Y.
<i>Citrus sinensis</i> (sweet orange).....	Argentina, Bermuda(?) , Italy.....	1	2	-----	Mass., N.Y., S.C.
<i>Coffea arabica</i> (Arabian coffee).....	Brazil, Costa Rica, Hawaii.....	4	-----	-----	Hawaii, N.Y., Tex.
<i>Juglans regia</i> (English walnut).....	Greece.....	1	-----	-----	N.Y.
<i>Lycopersicon esculentum</i> (tomato).....	Australia(?).....	-----	1	-----	Hawaii.
<i>Mangifera indica</i> (mango).....	United Arab Republic.....	1	1	-----	N.Y., Pa.
<i>Prunus armeniaca</i> (apricot).....	Canary Islands.....	-----	1	-----	Tex.
<i>P. persica</i> (peach).....	Israel.....	1	-----	-----	N.Y.
<i>Ceratitidis colae</i> Silv. (?) (Tephritidae):					
<i>Cola acuminata</i> (Sudan colanut) nut.....	Nigeria.....	1	-----	-----	N.Y.
<i>Ceratitidis rubivora</i> Coq. (Tephritidae):					
<i>Rubus</i> sp. (seed).....	Ethiopia.....	-----	-----	1	D.C.
<i>Cerconota anonella</i> (Sepp) (Stenomidae):					
<i>Annona muricata</i> (sourpaw).....	Panama.....	1	-----	-----	Ala.
<i>A. reticulata</i> (custard-apple).....	Honduras.....	1	-----	-----	Fla.
<i>Cerodontha denticornis</i> (Panzer) (Agromyzidae):					
<i>Crassula perfoliata</i> (thorowort crassula).....	Azores.....	-----	-----	1	Del.
<i>Ceroptastes ceriferus</i> (And.) (Coccidae):					
<i>Cycas revoluta</i> (Sago palm).....	Japan.....	-----	-----	1	Hawaii.
<i>Ceroptastes rubens</i> Mask. (Coccidae):					
<i>Anthurium</i> sp. (leaf).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Hedera helix</i> (English ivy) leaf.....	Unknown.....	-----	1	-----	Hawaii.
<i>Metrosideros</i> sp. (frontree) leaf.....	Hawaii.....	1	-----	-----	Hawaii.
Plant—unidentified (leaf).....	Australia.....	-----	-----	1	Hawaii.
<i>Ceutorhynchus erysimi</i> (F.) (Curculionidae):					
Nursery stock.....	Netherlands.....	-----	-----	1	N.J.
<i>Chaetanaphothrips orchidii</i> (Moulton) (Thripidae):					
<i>Izora</i> sp. (lei).....	American Samoa.....	1	-----	-----	Hawaii.
Orchid (plant).....	Mexico.....	-----	-----	1	Tex.
<i>Chalciope hyppasia</i> (Cram.) (Noctuidae):					
Airplane.....	China, unknown.....	-----	2	-----	Hawaii.
<i>Chilo loftini</i> Dyar (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane).....	Mexico.....	60	-----	-----	Ariz., Calif., Tex.
<i>Chilo suppressalis</i> (Wlk.) (Crambidae):					
<i>Oryza sativa</i> (rice) husk, straw, and straw jacket.....	Japan, Philippines, Spain.....	10	1	-----	Calif.,* Hawaii, N.Y., Tex.
<i>Chionaspis salicis</i> (L.) (Coccidae):					
<i>Tilia cordata</i> (littleleaf linden) stem.....	Germany.....	-----	-----	1	D.C.
<i>Chlorophorus annularis</i> (F.) (Cerambycidae):					
Bamboo (poles at center of rolled rugs).....	Japan.....	1	-----	-----	N.C.
<i>Choranthus vitellius</i> (F.) (Hesperiidae):					
Airplane.....	British Virgin Islands, St. Kitts.....	-----	2	-----	Am. V.I.
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Mexico.....	-----	1	-----	Calif.*
<i>Cocos nucifera</i> (coconut) cap.....	Costa Rica, Mexico.....	2	-----	-----	Calif.*
Orchid (leaf).....	Canal Zone, Guatemala.....	-----	-----	2	Calif.*
<i>Persea</i> sp. (budwood).....	Mexico.....	-----	-----	1	Calif.*
<i>Chrysomphalus calurus</i> (Ckll.) (Coccidae):					
<i>Spondias mombin</i> (yellow mombin).....	Nicaragua.....	1	-----	-----	Calif.*
<i>Chrysomphalus odontoglossus</i> (Ckll.) (Coccidae):					
Orchid (pseudobulb).....	Jamaica.....	-----	-----	1	Fla.
Palm (leaf).....	Mexico.....	1	-----	-----	Tex.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
Bromeliad (leaf).....	Netherlands.....	-----	-----	1	Fla.
<i>Citrus aurantifolia</i> (sour lime).....	Brazil.....	-----	2	-----	Calif.*
<i>C. sinensis</i> (sweet orange).....	Brazil, unknown.....	1	5	-----	Calif.,* N.Y.
<i>Cocos nucifera</i> (coconut) cap.....	Mexico.....	1	-----	-----	Calif.*
<i>Chrysomphalus tingi</i> (McKenzie) (Coccidae):					
<i>Phalaenopsis lueddemanniana</i> (orchid).....	Philippines.....	-----	-----	1	Hawaii.
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Philodendron</i> sp. (leaf).....	Brazil.....	-----	-----	1	Calif.*
<i>Cladius isomerus</i> Nort. (Tenthredinidae):					
<i>Rosa</i> sp. (leaf).....	Mexico.....	1	-----	-----	Tex.

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<i>Cladius pectinicornis</i> (Fourc.) (Tenthredinidae): <i>Rosa</i> sp.-----	Denmark, England, Germany, Israel, Scotland, Switzerland.	8	1	1	Mass., N.Y.
<i>Clysiana ambigua</i> (Hbn.) (Phalonidae): <i>Vitis</i> sp. (grape)-----	Hungary, unknown.	1	1	-----	N.Y.
<i>Coccus viridis</i> (Green) (Coccidae): <i>Coffea</i> sp. (coffee)-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Gardenia jasminoides</i> (cut flower)-----	do-----	19	-----	-----	Hawaii.
<i>Gymnostachyum leptostachyum</i> -----	Indonesia-----	-----	-----	1	Hawaii.
Orchid-----	Ecuador-----	-----	-----	1	Calif.*
<i>Cochlicella barbara</i> (L.) (Helicellidae): <i>Allium sativum</i> (garlic)-----	Morocco-----	-----	1	-----	N.Y.
Automobile-----	Libya, Morocco-----	2	-----	-----	N.Y., S.C.
Military cargo-----	Crete, France, Greece, Morocco, Spain.	27	-----	-----	Del., La., Mass., N.Y., S.C., Va.
<i>Mirabilis jalapa</i> (common four-o'clock) seed-----	France-----	-----	-----	1	Pa.
<i>Cochlicella ventrosa</i> (Fer.) (Helicellidae): <i>Allium porrum</i> (leek)-----	Portugal-----	-----	2	-----	N.Y.
Automobile-----	Libya-----	1	-----	-----	S.C.
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)-----	Portugal-----	-----	1	-----	N.Y.
<i>Lactuca sativa</i> (lettuce)-----	Italy-----	-----	1	-----	N.Y.
Military cargo-----	Azores, Morocco, Spain, unknown.	13	-----	-----	La., Mass., N.C., S.C., Va.
<i>Coelonertus nigrirostris</i> Solari (Curculionidae): <i>Chamaedorea elegans</i> (palm) stem-----	Mexico-----	5	-----	-----	Tex.
<i>Conoderus ersul</i> (Sharp) (Elateridae): <i>Vanda</i> hybrid (orchid) flower-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Conotelus mexicanus</i> Murr. (Nitidulidae): Bromeliad-----	Mexico-----	-----	-----	1	Tex.
<i>Chrysanthemum</i> sp. (cut flower)-----	do-----	1	-----	-----	Tex.
<i>Delphinium</i> sp. (cut flower)-----	do-----	1	-----	-----	Ariz.
<i>Gladiolus</i> sp. (cut flower)-----	do-----	1	-----	-----	Ariz.
<i>Medicago sativa</i> (alfalfa)-----	do-----	1	-----	-----	Tex.
<i>Vanda</i> 'Miss Joachim' (orchid)-----	Hawaii-----	14	-----	-----	Hawaii.
Vegetables-----	Mexico-----	1	-----	-----	Tex.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae): <i>Persea americana</i> (avocado) fruit and seed-----	do-----	1	-----	1	Tex.
<i>P. americana</i> var. <i>drymifolia</i> (Mexican avocado)-----	do-----	1	-----	-----	Calif.
<i>Conotrachelus perseae</i> Barber (Curculionidae): <i>Persea americana</i> (avocado) seed-----	Costa Rica-----	-----	-----	1	Tex.
<i>Coptotermes formosanus</i> Shiraki (Rhinotermitidae): Mail package-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Cordylomera spinicornis</i> (F.) (?) (Cerambycidae): <i>Khaya</i> sp. (mahogany) log-----	West Africa-----	1	-----	-----	Va.
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae): <i>Musa X paradisiaca</i> (banana)-----	Panama-----	1	-----	-----	S.C.
<i>Musa</i> sp. (plant)-----	Canal Zone-----	-----	-----	1	Fla.
<i>Crenidorsum stigmaphylli</i> Rsl. (Aleyrodidae): Leaf—unidentified-----	Dominican Republic-----	-----	-----	1	Fla.
<i>Cryphula apicata</i> (Dist.) (Lygaeidae): Cactus (plant)-----	Mexico-----	-----	-----	1	Tex.
<i>Cryptoblabes gnidiell</i> a (Mill.) (Phycitidae): <i>Citrus sinensis</i> (sweet orange)-----	Greece, Italy, Spain, unknown.	-----	9	-----	Del., N.Y., N.C., Pa.
<i>Cydonia oblonga</i> (quince)-----	Italy-----	1	-----	-----	N.Y.
<i>Mangifera indica</i> (mango)-----	Cape Verde Islands-----	1	-----	-----	N.Y.
<i>Punica granatum</i> (pomegranate)-----	Greece, Italy, Portugal, Venezuela, Yugoslavia.	14	-----	-----	N.Y.
<i>Cryptophlebia illepid</i> a (Btlr.) (Olethreutidae): <i>Canavalia microcarpa</i> (mauna loa) seed-----	Hawaii-----	-----	-----	1	Hawaii.
<i>Macadamia ternifolia</i> (Queenslandnut macadamia).-----	do-----	2	-----	-----	Hawaii.

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<i>Cryptophlebia ombrodelta</i> (Lower) (Olethreutidae):					
<i>Euphoria longan</i>	Hawaii.....	1			Hawaii.
<i>Litchi chinensis</i> (lychee) nut.....	Hawaii, Vietnam.....	2			Hawaii, Va.
<i>Macadamia ternifolia</i> (Queenslandnut macadamia).....	Hawaii.....	1			Hawaii.
<i>Phaseolus lunatus</i> (lima bean).....	do.....	1			Hawaii.
<i>P. vulgaris</i> (bean) pod.....	do.....	1			Hawaii.
<i>Poinciana pulcherrima</i> (flowerfence poinciana) pod.....	do.....	1			Hawaii.
<i>Cryptotermes brevis</i> (Wlk.) (Kalotermitidae):					
Paper (sack and wrapping).....	China, Hawaii.....	2			Fla., Hawaii.
Wood (barrel and tree limb).....	Haiti, Hawaii.....	2			Calif., * Fla.
<i>Curculio elephas</i> (Gyll.) (Curculionidae):					
<i>Castanea sativa</i> (European chestnut).....	Italy, Portugal.....	23			Ill., N. Y., P. R.
<i>Castanea</i> sp. (chestnut).....	France, Greece, Italy, Portugal, Spain, Switzerland, Yugoslavia.....	83	3		Ill., Mass., N. Y.
<i>Curculio nucum</i> (L.) (Curculionidae):					
<i>Corylus avellana</i> (European filbert).....	Italy, Switzerland.....	1	1		N. Y.
<i>Corylus</i> sp. (hazelnut).....	do.....	2			N. Y.
<i>Cyane terpsichorella</i> Busck (Tineidae):					
Baggage (with banana).....	Hawaii.....	1			Hawaii.
<i>Cyclocephala discicollis</i> Arrow (Scaurbaeidae):					
Airplane.....	Panama.....		1		Fla.
<i>Cylas formicarius</i> (F.) (Curculionidae):					
Airplane.....	Australia.....		1		Hawaii.
<i>Cylas formicarius</i> (F.) var. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Hong Kong.....		1		Calif. *
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae):					
Bagging (empty burlap bag).....	Cuba.....		1		Fla. *
Cargo (with banana).....	Haiti.....	1			Fla.
<i>Ipomoea batatas</i> (sweetpotato).....	Antigua, Cuba, Dominican Republic, Mexico, Puerto Rico, Trinidad.....	8	5		Am. V. I., Fla., Pa., P. R., Tex.
Quarters (on sack of mangoes).....	Mexico.....		1		Tex.
<i>Cylas formicarius formicarius</i> (F.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Hong, Kong, Japan, Philippines.....	1	2	1	Calif., * Fla., Hawaii, Md.
<i>Cylas puncticollis</i> Boh. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Kenya, Liberia, Nigeria, Sierra Leone.....	5	6		Md., Mass., N. Y., Pa., Va.
<i>Cylindrocopturus tetralobus</i> Champ. (?) (Curculionidae):					
Bromeliad.....	Mexico.....			1	Tex.
<i>Dactynotus sonchi</i> (L.) (Aphidae):					
<i>Lactuca sativa</i> (lettuce).....	Netherlands.....		1		Pa.
<i>Dacus cucurbitae</i> (Coq.) (Tephritidae):					
<i>Capsicum annuum</i> var. <i>grossum</i> (bell pepper).....	Hawaii.....		1		Calif. *
<i>C. annuum</i> var. <i>longum</i> (chili pepper).....	Thailand.....		1		Hawaii.
<i>Cucumis sativus</i> (cucumber).....	Hawaii, Ivory Coast.....		2		Calif., * Mass.
<i>Momordica charantia</i> (balsam-pear).....	Philippines.....	1			Hawaii.
<i>Dacus cucurbitae</i> (Coq.) (?) (Tephritidae):					
<i>Cucumis sativus</i> (cucumber).....	Hawaii.....		4		Calif. *
<i>Dacus dorsalis</i> Hend. (Tephritidae):					
<i>Averrhoa carambola</i> (carambola) fruit.....	do.....	1			Hawaii.
Baggage.....	do.....	1			Hawaii.
<i>Calophyllum inophyllum</i> (Indiapoon beauty-leaf) fruit.....	do.....	2			Calif., * Hawaii.
<i>Capsicum annuum</i> (pepper).....	do.....	1			Calif. *
<i>Carica papaya</i> (papaya).....	do.....	3		1	Hawaii.
<i>Eugenia jambos</i> (rose-apple).....	do.....	2			Hawaii.
<i>E. malaccensis</i> (Malay-apple).....	do.....	2			Hawaii.
<i>Eugenia</i> sp. (fruit).....	do.....	2			Hawaii.
<i>Mangifera indica</i> (mango).....	Hawaii, Philippines.....	19	1		Calif., * Hawaii.

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<i>Dacus dorsalis</i> Hend.—Continued					
<i>Persea americana</i> (avocado).....	Hawaii.....	4	—	—	Hawaii.
<i>Psidium guajava</i> (guava).....	do.....	2	—	—	Hawaii.
<i>Terminalia catappa</i> (tropical almond).....	do.....	2	—	—	Hawaii.
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae):					
<i>Aleurites moluccana</i> (candlenut-tree).....	do.....	1	—	—	Hawaii.
<i>Mangifera indica</i> (mango).....	do.....	6	—	—	Hawaii.
<i>Persea americana</i> (avocado).....	do.....	1	—	—	Hawaii.
<i>Psidium guajava</i> (guava).....	Hawaii, India.....	2	—	—	Hawaii.
<i>Dacus oleae</i> (Gmel.) (Tephritidae):					
Baggage (with lemon).....	Italy.....	1	—	—	N.Y.
<i>Olea europaea</i> (olive).....	Europe (country(?)), France, Greece, Israel, Italy, Lebanon, Spain. Republic of South Africa.....	76	1	—	Md., Mass., Mich., N.J., N.Y., Ohio, Pa., Tex.
<i>O. verrucosa</i> (warty olive) seed.....	Republic of South Africa.....	—	—	1	D.C.
<i>Olea</i> sp. (branch with fruit).....	Ethiopia.....	1	—	—	Tex.
<i>Dacus oleae</i> (Gmel.) (?) (Tephritidae):					
<i>Olea europaea</i> (olive).....	Italy.....	1	—	—	N.Y.
<i>Deltocephalus maculellus</i> Osborn (Cicadellidae):					
Airplane.....	British West Indies (island(?)), St. Kitts.....	—	2	—	Am. V.I., P.R.
<i>Depressaria erinaceella</i> Stgr. (Oecophoridae):					
<i>Cynara scolymus</i> (artichoke).....	Italy.....	2	—	—	N.Y.
<i>Diabrotica speciosa</i> (Germ.) (Chrysomelidae):					
Airplane.....	Unknown.....	—	1	—	Fla.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae):					
<i>Rhododendron</i> sp.....	England, Netherlands.....	—	—	4	N.J., N.Y.
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae):					
<i>Citrus</i> sp. (leaf).....	Dominican Republic, Jamaica.....	2	—	—	Fla., N.Y.
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae):					
<i>Gardenia jasminoides</i> (leaf).....	Hawaii, Tahiti.....	2	—	—	Hawaii.
<i>Minum sambac</i> (Arabian jasmine) leaf.....	Hawaii, Philippines.....	1	—	3	D.C., Hawaii.
Plant—unidentified.....	China.....	—	—	1	Wash.
<i>Diaphania quadristigmalis</i> (Guen.) (Pyraustidae):					
Orchid (leaf).....	Costa Rica.....	—	—	1	Fla.
<i>Diaprepes abbreviatus</i> (L.) (Curculionidae):					
Airplane.....	Puerto Rico.....	—	1	—	P.R.
Flowers.....	Haiti.....	1	—	—	P.R.
<i>Staphylea bolanderi</i> (Sierra bladder-nut).....	do.....	1	—	—	P.R.
<i>Diaprepes abbreviatus</i> (L.) var. (Curculionidae):					
Flowers.....	do.....	1	—	—	P.R.
<i>Diaprepes farinosus</i> Gyll. (Curculionidae):					
<i>Zea mays</i> (corn) meal.....	Antigua.....	1	—	—	Am. V.I.
<i>Diataraxia oleracea</i> (L.) (Noctuidae):					
Airplane.....	Unknown.....	—	1	—	N.Y.
<i>Dichocrois punctiferalis</i> (Guen.) (Pyraustidae):					
<i>Pinus</i> sp. (5-needle pine) dwarf tree.....	Japan.....	—	—	2	Wash.
<i>Dictyla nassata</i> (Puton) (Tingidae):					
Debris.....	Morocco.....	—	1	—	Fla.
<i>Dimoderus bifoveolatus</i> (Woll.) (Bostrichidae):					
<i>Phragmites</i> sp. (dunnage).....	Africa (country(?)) India.....	1	—	—	Md. N.Y.
<i>Dimoderus borneanus</i> Lesne (?) (Bostrichidae):					
Palm (matting).....	American Samoa.....	1	—	—	Calif.*
<i>Diocalandra taitensis</i> (Guer.) (Curculionidae):					
Baggage.....	Hawaii.....	1	—	—	Hawaii.
<i>Cocos nucifera</i> (coconut).....	do.....	4	—	—	Hawaii.
<i>Diorymerellus laevimargo</i> Champ. (Curculioni- dae):					
Orchid (plant).....	Guatemala, Mexico.....	—	—	5	Tex.
<i>Draeculacephala clypeata</i> Osborn (Cicadellidae):					
Cargo (with bananas).....	Ecuador.....	1	—	—	Fla.
<i>Drymaeus hegewischi</i> (Pfeiffer) (Bulmidae):					
Bromeliad (plant).....	Mexico.....	—	—	1	Fla.
<i>Dysdercus andreae</i> (L.) (Pyrrhocoridae):					
Airplane.....	Dominican Republic.....	—	2	—	Fla.
<i>Dysdercus mimus</i> (Say) (Pyrrhocoridae):					
<i>Saccharum officinarum</i> (sugarcane) bagasse.....	Mexico.....	1	—	—	Ill.

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<i>Dysdercus obliquus</i> (H.-S.) (Pyrrhocoridae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
Railway car (with shrimp).....	do.....	1			Ariz.
<i>Dyspessa ulula</i> (Bkn.) (Cossidae):					
<i>Allium sativum</i> (garlic).....	Italy, Spain, unknown.	6			N.Y., P.R.
<i>Ectomyelois ceratoniae</i> (Zell.) (Phycitidae):					
<i>Acacia</i> sp. (seed).....	Brazil.....			1	N.Y.
<i>Barringtonia</i> sp. (seed pod).....	Hawaii.....	1			Hawaii.
<i>Cassia javanica</i> (appleblossom senna).....	do.....	1			Hawaii.
<i>Cassia</i> sp. (seed pod).....	do.....	1			Hawaii.
<i>Ceratonia siliqua</i> (carob).....	Italy.....	2			N.Y.
<i>Citrus sinensis</i> (sweet orange).....	Spain, unknown.....	3	6		N.Y., Pa.
<i>Cydonia oblonga</i> (quince).....	Greece.....	1			N.Y.
<i>Eriobotrya japonica</i> (loquat).....	Italy.....	1			N.Y.
<i>Ficus carica</i> (fig) dried.....	do.....	2			N.Y.
<i>Gossypium</i> sp. (cotton; boll).....	Hawaii.....	1			Hawaii.
<i>Juglans</i> sp. (walnut).....	Italy.....	2			N.Y.
<i>Prunus amygdalus</i> (almond).....	do.....	4			Mich., N.Y.
<i>Punica granatum</i> (pomegranate).....	Greece, Italy.....	6			N.Y.
<i>Pyrus communis</i> (pear).....	Italy.....	1			N.Y.
Seed—unidentified.....	Unknown.....		1		Fla.
<i>Empoasca kraemeri</i> Ross & Moore (Cicadellidae):					
Airplane.....	Puerto Rico.....		1		P.R.
<i>Endelomyia aethiops</i> (F.) (Tenthredinidae):					
<i>Rosa</i> sp. (rose) cut flower.....	Denmark.....	1			N.Y.
<i>Epinotia aporema</i> (Wlsm.) (Olethreutidae):					
<i>Phaseolus vulgaris</i> cv. (string bean).....	Chile, Colombia, Venezuela.	1	4		Fla., Md., Tex.
Stores (with cabbage).....	Peru.....		1		N.C.
<i>Ericeia inangulata</i> (Guen.) (Noctuidae):					
Airplane.....	Japan(?).....		1		Hawaii.
<i>Eriophyes canestrinii</i> (Nal.) (Eriophyidae):					
<i>Buxus sempervirens</i> (boxwood) leaf.....	England.....		3		Wash.
<i>Eriopyga fea</i> (Druce) (Noctuidae):					
Orchid (plant).....	Mexico.....			1	Tex.
<i>Erythrothrips durango</i> Watson (Aeolothripidae):					
<i>Yucca</i> sp. (flower).....	do.....	1			Tex.
<i>Ethelema sobrina</i> Sharp (Colydiidae):					
<i>Ananas comosus</i> (pineapple).....	do.....	2			Tex.
<i>Eucalendra setulosa</i> (Gyll.) (Curculionidae):					
Bamboo (pole).....	Ecuador.....	1			Calif. *
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae):					
<i>Gardenia</i> sp.....	Unknown.....	1			Hawaii.
<i>Euethela humilis</i> (Burm.) (Scarabaeidae):					
Airplane.....	Brazil.....	1			N.Y.
<i>Euleia heraclei</i> (L.) (Tephritidae):					
<i>Apium graveolens</i> var. <i>dulce</i> (celery).....	France.....		1		N.Y.
<i>Euleia heraclei</i> (L.) (?) (Tephritidae):					
<i>Apium graveolens</i> var. <i>dulce</i> (celery).....	England, Italy.....		2		N.Y.
<i>Petroselinum crispum</i> (parsley).....	Belgium.....		1		N.Y.
<i>Eumaeus debora</i> (Hbn.) (Lycaenidae):					
Cycadaceae (leaf).....	Mexico.....	1			Tex.
<i>Eupelz cuspidata</i> (Fab.) (Cicadellidae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage).....	Italy.....		1		N.Y.
<i>Euphyllura olivina</i> (Costa) (Psyllidae):					
Cutting—unidentified.....	Greece.....			1	Ill.
<i>Euproctis similis</i> (Fuessly) (Lymantriidae)					
<i>Crataegus</i> sp. (hawthorn).....	Japan.....			1	Hawaii.
<i>Eurytoma amygdali</i> Enderl. (Eurytomidae):					
<i>Prunus amygdalus</i> (almond).....	Jordan.....	1			Md.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya</i> sp. (orchid).....	Brazil, Colombia.....			2	Fla.
<i>Vanda</i> sp. (orchid).....	Ceylon.....			1	N.Y.
<i>Eusepes postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Brazil, British Guiana, Jamaica, Panama, Puerto Rico, Tortola, Trinidad.	3	5		Ala., Am. V.I., Calif., La., N.Y., Pa.
Mail (with ti cutting).....	Hawaii.....			1	Hawaii.

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<i>Euxesta cluta</i> Loew (Otitidae): Airplane.....	Puerto Rico, unknown, West Indies (island(?)).	---	3	---	Fla., P.R.
<i>Everes comyntas</i> (Godt.) (Lycaenidae): <i>Phaseolus vulgaris</i> cv. (string bean).....	Mexico.....	1	---	---	Tex.
<i>Evergestis forficalis</i> (L.) (Pyraustidae): <i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower).....	France.....	---	1	---	N.Y.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage).....	Belgium, France, Netherlands.	---	4	---	Ala., La., N.Y., P.R.
<i>Erptochiomeria formosa</i> (Dist.) (Lygaeidae): <i>Acacia</i> sp.....	Mexico.....	---	---	1	Tex.
<i>Figulus foveicollis</i> Boisd. (Lucanidae): <i>Samanea saman</i> (raintree saman) log.....	Fiji.....	1	---	---	Hawaii.
<i>Forficula acetola</i> Brunn. (Forficulidae): Straw (packing material).....	Israel.....	1	---	---	N.Y.
<i>Forficula decipiens</i> Génè (Forficulidae): <i>Capsicum annuum</i> (pepper) dried.....	Italy.....	1	---	---	N.Y.
<i>Forficula pubescens</i> Génè (Forficulidae): <i>Pinus</i> sp. (cone).....	Germany.....	1	---	---	Md.
<i>Frankliniella formosae</i> Mlt. (Thripidae): <i>Chrysanthemum morifolium</i>	Japan.....	2	2	---	Hawaii, Wash.
<i>Dianthus caryophyllus</i> (carnation).....	do.....	1	1	---	Hawaii.
Flowers.....	do.....	---	1	---	Hawaii.
<i>Rosa</i> sp.....	do.....	---	1	---	Hawaii
<i>Frankliniella intonsa</i> (Tryb.) (Thripidae): <i>Aster</i> sp. (cut flower).....	Europe (country(?)).....	---	1	---	N.Y.
<i>Calluna vulgaris</i> (heather).....	Germany.....	3	---	---	N.Y., Wash.
<i>Dahlia</i> sp. (cut flower).....	England.....	1	---	---	N.Y.
<i>Dianthus caryophyllus</i> (carnation).....	England, Europe (country?), Germany, Hungary, Italy, Poland.	7	3	---	N.Y., Wash.
Flowers.....	England, Germany, Sweden.	2	1	---	N.J., N.Y., Wash.
<i>Fragaria</i> sp. (strawberry) plant.....	Switzerland.....	---	---	1	N.Y.
<i>Gladiolus</i> sp. (cut flower).....	Gerany, Italy, Poland.	2	1	---	Ill., N.Y.
<i>Rosa</i> sp. (cut flower).....	Belgium, Czechoslo- vakia, England, Finland, France, Germany, Hungary, Italy, Poland, Switzerland, unknown.	28	2	---	Ill., Mass., Mich., N.Y.
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae): <i>Chrysanthemum</i> sp. (cut flower).....	Africa (country(?)), Australia.	---	3	---	Hawaii, N.Y.
<i>Rosa</i> sp. (cut flower).....	Australia.....	---	1	---	Hawaii.
<i>Frankliniella sulphurea</i> Schmutz (Thripidae): <i>Capsicum annuum</i> (pepper).....	Dominican Republic.....	1	---	---	P.R.
<i>Zinnia</i> sp. (cut flower).....	Unknown.....	---	1	---	N.Y.
<i>Frankliniella tenuicornis</i> (Uzel) (Thripidae): <i>Gladiolus</i> sp. (cut flower).....	Israel.....	1	---	---	N.Y.
<i>Fulvius anthocorides</i> Stal (Miridae): Orchid (plant).....	Guatemala.....	---	---	1	Fla.
<i>Fundella pellucens</i> (Zell.) (Phycitidae): <i>Cajanus cajan</i> (pigeonpea).....	Barbados.....	3	---	---	N.Y.
<i>Phaseolus vulgaris</i> cv. (string bean).....	Aruba, Panama.....	1	1	---	Calif.,* Pa.
<i>Vigna sesquipedalis</i> (yardlong cowpea).....	Surinam.....	1	---	---	N.Y.
<i>V. sinensis</i> (common cowpea).....	British Guiana.....	1	---	---	Fla.
<i>Furcaspis oceanica</i> Ldgr. (Coccidae): <i>Cocos nucifera</i> (coconut).....	Eniwetok, Kwajalein.....	3	1	---	Hawaii, Wash.
<i>Galgupha punctifer</i> McA. & Mall. (Pentatomidae): Bromeliad.....	Mexico.....	---	---	1	Ariz.
<i>Gastrimargus brevipes</i> Sjost. (Acrididae): Cargo (as food for live shrew).....	Kenya.....	1	---	---	N.Y.

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<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae): <i>Calluna vulgaris</i> (heather)-----	Denmark, England, Germany, Ireland, Norway, Scotland, Switzerland.	17			N.Y.
<i>Genaparlatoria pseudaspidiotus</i> (Ldgr.) (Coccidae): <i>Vanda</i> sp. (orchid) plant-----	Indonesia-----			1	Hawaii.
<i>Geniates panamensis</i> Arrow (Scarabaeidae): Airplane-----	Panama, unknown-----		3		Fla.
<i>Geocoris thoracicus</i> (F.) (Lygaeidae): Airplane-----	Puerto Rico-----		1		P.R.
<i>Geomyza tripunctata</i> Fall. (Opomyzidae): <i>Lactuca sativa</i> (lettuce)-----	France-----		1		N.Y.
<i>Geotomus pygmaeus</i> (Dallas) (Cynidae): Soil-----	American Samoa-----	1			Hawaii.
<i>Swietenia mahagoni</i> (mahogany)-----	Japan-----	1			Hawaii.
<i>Giraudiella inclusa</i> (Frauenfeld) (Cecidomyiidae): <i>Phragmites</i> sp. (reed) mat.-----	Austria-----	1			Ill.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae): <i>Capsicum annuum</i> (pepper)-----	Colombia, Guatemala, Mexico-----	3			Fla., Tex.
<i>C. annuum</i> var. <i>longum</i> (chili pepper)-----	British Honduras, Mexico-----	3			Fla., Tex.
<i>Gnorimoschema ocellatella</i> (Boyd) (Gelechiidae): <i>Beta vulgaris</i> (beet)-----	Italy, United Arab Republic-----		3		N.Y., Tex.
Stores (with string bean)-----	Italy-----		1		N.Y.
<i>Gnorimoschema plaesiosema</i> (Turn.) (Gelechiidae): <i>Solanum tuberosum</i> (potato)-----	Chile-----		1		La.
<i>Gortyna flavago</i> (Schiff.) (Noctuidae): <i>Cynara scolymus</i> (artichoke)-----	France-----		2		N.Y.
<i>Gracilaria azaleella</i> Brants (Gracilariidae): <i>Rhododendron</i> sp. (azalea) leaf-----	England, France-----			2	N.J.
<i>Graptostethus manillensis</i> (Stal) (Lygaeidae): <i>Operculina tuberosa</i> (wood-rose)-----	Hawaii-----	1			Hawaii.
<i>Vanda</i> sp. (orchid)-----	do-----	1			Hawaii.
<i>Gryllotalpa africana</i> P. de B. (Gryllotalpidae): Cargo (aircraft parts)-----	Japan-----	1			Hawaii.
<i>Gryllus bimaculatus</i> De Geer (Gryllidae): Airplane-----	Morocco-----		7		Fla., Ga.
Baggage-----	do-----	1			Ga.
<i>Haplothrips aculeatus</i> (F.) (Phlaeothripidae): Nursery stock-----	Netherlands-----			3	N.J.
<i>Ornithogalum</i> sp. (star-of-Bethlehem)-----	Germany-----	1			N.Y.
<i>Triticum aestivum</i> (wheat) straw-----	Poland-----	1			N.Y.
<i>Haplothrips clarisetis</i> Priesner(?) (Phlaeothripidae): <i>Mesembryanthemum</i> sp.-----	Mexico-----			2	Calif.
<i>Petroselinum crispum</i> (parsley)-----	do-----	1			Calif.
<i>Haplothrips cottei</i> (Vuillet) (Phlaeothripidae): <i>Dianthus caryophyllus</i> (carnation)-----	Cyprus-----	1			N.Y.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae): <i>Antirrhinum majus</i> (snapdragon)-----	Haiti-----	2			P.R.
<i>Celosia argentea</i> var. <i>cristata</i> (common feather cockscomb) seed head-----	Jamaica-----			1	N.Y.
<i>Chrysanthemum</i> sp. (cut flower)-----	Australia-----		2		Hawaii.
<i>Dahlia</i> sp.-----	do-----		1		Hawaii.
<i>Dianthus caryophyllus</i> (carnation)-----	Japan-----	1			Hawaii.
Flowers-----	Haiti-----	11			P.R.
Herb-----	Puerto Rico-----	1			P.R.
<i>Protea</i> sp.-----	Republic of South Africa-----	1			N.Y.
<i>Haplothrips tritici</i> (Kurdj.) (Phlaeothripidae): <i>Triticum aestivum</i> (wheat) stem-----	Union of Soviet Socialist Republics-----	1			N.Y.
<i>Helicella arigonis</i> (Rossmassler) (Helicellidae): Stores-----	Spain-----		1		S.C.

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<i>Helicella candidula</i> (Studer) (Helicellidae):					
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower).....	Netherlands.....		1		La.
<i>Mirabilis jalapa</i> 'Marvel-of-Peru' (four-o'clock) seed.....	do.....			1	Pa.
<i>Mirabilis</i> sp. (seed).....	Denmark.....			1	Pa.
<i>Helicella caperata</i> (Montagu) (Helicellidae):					
Military cargo (conex box).....	England, France.....	4			La.
<i>Quercus suber</i> (cork oak).....	Spain.....	1			Ill.
<i>Helicella conspurcata</i> (Draparnaud) (Helicellidae):					
Military cargo.....	Morocco, Spain.....	2			N.Y., Va.
<i>Helicella cretica</i> (Fer.) (Helicellidae):					
Military cargo.....	Crete, Greece, Turkey.....	5			Del., N.Y.
<i>Helicella derbentina</i> (Andrz.) (Helicellidae):					
Military cargo.....	Turkey.....	4			Del., La., N.Y.
<i>Helicella elegans</i> (Gmelin) (Helicellidae):					
<i>Mirabilis jalapa</i> 'Marvel-of-Peru' (four-o'clock) seed.....	Netherlands.....			1	Pa.
<i>Helicella itala</i> (L.) (Helicellidae):					
Military cargo (conex box).....	Unknown.....	1			La.
<i>Helicella littoralis</i> (Mousson) (?) (Helicellidae):					
Military cargo.....	Greece.....	1			N.Y.
<i>Helicella maritima</i> (Draparnaud) (Helicellidae):					
Airplane.....	Spain.....		1		Fla.
Herb.....	Greece.....	1			N.J.
Military cargo.....	France, Greece, Morocco, Spain.....	11			Del., La., Mass., N.Y., S.C., Va.
<i>Helicella protea</i> (Ziegler) (Helicellidae):					
Military cargo.....	Turkey, unknown.....	7			Del., N.Y., S.C., Va.
<i>Helicella pyramidata</i> (Draparnaud) (Helicellidae):					
Military cargo.....	Germany, Italy, Libya.....	4			La., S.C., Va.
Residue (in cargo hold).....	Unknown.....		1		Mich.
Soil with <i>Begonia</i> sp.....	Italy.....			1	Mass.
<i>Helicella trochoides</i> (Poirot) (Helicellidae):					
<i>Mirabilis jalapa</i> 'Marvel-of-Peru' (four o'clock) seed.....	Netherlands.....			1	Pa.
<i>Helicella variabilis</i> (Draparnaud) (Helicellidae):					
Automobile.....	France.....	1			La.
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage).....	do.....		1		N.Y.
<i>Cichorium intybus</i> (chicory).....	do.....		1		N.Y.
<i>Lactuca sativa</i> (lettuce).....	Italy.....		1		N.Y.
Military cargo.....	France, Greece, Spain, Turkey.....	6			La., N.Y., Va.
<i>Muscari comosum</i> (tassel grapehyacinth).....	Italy.....		1		N.Y.
<i>Quercus suber</i> (cork oak).....	Spain.....	1			Ill.
<i>Helicella virgata</i> (DaCosta) (Helicellidae):					
Allium porrum (leek).....	do.....		1		Pa.
Stores.....	do.....		1		S.C.
<i>Helicina convexa</i> Pfeiffer (Helicinidae):					
Military cargo.....	Bermuda.....	1			S.C.
<i>Helicina neritella</i> Lamarck (Helicinidae):					
Orchid (plant).....	Jamaica.....			1	Fla.
<i>Helix aperta</i> Born (Helicidae):					
Baggage.....	Italy.....	2			N.Y.
Military cargo.....	Azores, Italy.....	3			N.Y.
Stores.....	Italy.....		1		Va.
<i>Helix aspersa</i> Müller (Helicidae):					
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower).....	France.....		1		N.Y.
Cargo (with crate of marble).....	Portugal.....	1			Calif.*
<i>Lactuca sativa</i> (lettuce).....	France.....		1		N.Y.
Mail.....	Haiti.....	1			Fla.
Military cargo.....	Australia, Azores, Crete, France, unknown.....	15			La., N.Y., Pa., Va.
<i>Mirabilis jalapa</i> 'Marvel-of-Peru' (four o'clock) seed.....	Netherlands.....			1	Pa.
Orchid (plant).....	Mexico.....			1	Tex.
Stores.....	Spain.....		1		S.C.

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<i>Helix figulina</i> (Parreyss) (Helicidae):					
Military cargo	Turkey	1			Del.
<i>Helix pomatia</i> L. (Helicidae):					
Baggage	Germany	1			Va.
<i>Hellula undalis</i> (F.) (Pyraustidae):					
<i>Brassica rapa</i> (turnip)	France, Senegal		2		Mass., Pa.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae):					
Wood (crate)	India, Pakistan, Philippines, Thailand, Vietnam.	5			Md., Mass., N.Y., Tex.
<i>Heterobostrychus brunneus</i> (Murray) (Bostrichidae):					
Wood (packing board)	Republic of the Congo, West Africa.	2			Md.
<i>Heterotermes convexinotatus</i> (Snyder) (Rhino-termitidae):					
Cargo (with carton of shirts)	Jamaica	1			Fla.
Wood (crate)	Colombia	1			Fla.
<i>Holochlora japonica</i> Brunn. (Tettigoniidae):					
<i>Pittosporum</i> sp.	Japan		1		Hawaii.
<i>Homorocoryphus nitidulus</i> (Scopoli) (Tettigoniidae):					
Cargo (with live chamelion)	Kenya	1			N.Y.
<i>Homoegryllus japonicus</i> (Haan) (Gryllidae):					
Soil	Hong Kong	1			Hawaii.
<i>Hydroecia xanthenes</i> (Germ.) (Noctuidae):					
<i>Cynara scolymus</i> (artichoke)	Algeria		1		N.Y.
<i>Hylesia euphemia</i> Dyar (Saturniidae):					
<i>Solanum melongena</i> (eggplant)	Mexico	1			Ariz.
<i>Hyllobius abietis</i> (L.) (Curculionidae):					
Conifer (packing board)	Italy	1			Md.
<i>Hymenia perspectalis</i> (Hbn.) (Pyraustidae):					
Airplane	Unknown		1		Fla.
<i>Hypomeces squamosus</i> F. (Curculionidae):					
Airplane	Japan		1		Hawaii.
<i>Incisitermes repandus</i> (Hill) (Kalotermitidae):					
<i>Samanea saman</i> (raintree saman) log	Fiji	1			Hawaii.
<i>Ips calligraphus</i> (Germ.) (Scolytidae):					
<i>Pinus</i> sp. (bark on log)	Bahamas	1			Fla.
<i>Iridomyrmex iniquus</i> Mayr (Formicidae):					
Bromeliad (plant)	Guatemala			1	Fla.
Orchid (plant)	Guatemala, Mexico			6	Fla., N.Y., Tex.
<i>Jadera pyrrholoma</i> Stal (Coreidae):					
<i>Rosa</i> sp. (rose) cut	Haiti	1			N.Y.
<i>Kaloterms flavicollis</i> (Fabr.) (Kalotermitidae):					
Straw (liquor jacket)	Spain	1			N.Y.
<i>Labia arcuata</i> Scudd. (Labiidae):					
<i>Chamaedorea oblongata</i> (palm) leaf	Mexico	1			Tex.
<i>Lamellaxis micra</i> (Orbigny) (Achatinidae):					
Orchid (plant)	Honduras			1	Fla.
<i>Lampides boeticus</i> (L.) (Lycaenidae):					
<i>Canavalia microcarpa</i> (mauna loa) lei	Hawaii	3			Calif.,* Hawaii.
<i>Phaseolus vulgaris</i> cv. (string bean)	Italy	1			N.Y.
<i>Pisum</i> sp. (pea) pod	Japan		1		Hawaii.
<i>Sesbania</i> sp.	Hawaii	1			Hawaii.
<i>Laspeyresia nigricana</i> (Steph.) (Olethreutidae):					
<i>Pisum sativum</i> (garden pea)	Spain		1		Ala.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
Baggage (with apple)	Portugal	1			N.Y.
<i>Castanea sativa</i> (European chestnut)	Austria, Azores, France, Greece, Italy, Portugal, Spain, unknown.	90			Ill., Mass., Mich., N.Y., P.R.
<i>Quercus suber</i> (cork oak) seed	Italy			1	N.J.
<i>Quercus</i> sp. (acorn)	Switzerland	1			Fla.
<i>Lema bilineata</i> Germ. (Chrysomelidae):					
Excelsior (packing with melons)	Chile	1			N.Y.
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coccidae):					
<i>Diospyros kaki</i> (kaki persimmon)	Japan	1			Hawaii.

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		Consumption	Nonentry	Propagation	
<i>Lepidosaphes esakii</i> Tak. (Coccidae):	Kwajalein.....	1			Hawaii.
<i>Cocos nucifera</i> (coconut)					
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae):	Mexico.....			1	Tex.
<i>Cactus</i> (plant)					
<i>Lepidosaphes pini</i> (Mask.) (Coccidae):	Japan.....			1	Hawaii.
<i>Pinus</i> sp. (plant)					
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae):	Hawaii.....	3		4	Calif.,* Hawaii.
<i>Codiaeum</i> sp. (croton)					
<i>Lepidosaphes tuberculata</i> Mal. (Coccidae):	Australia.....			1	Wash.
Orchid (pseudobulb)					
<i>Lepidosaphes tubulorum</i> Ferris (Coccidae):	Netherlands(?).....	1			Calif.*
<i>Malus sylvestris</i> (apple)					
<i>Leucinodes orbonalis</i> Guen. (Pyraustidae):	Federation of Malaysia(?), Ghana, Senegal.	1	2		Hawaii, Mass., N.Y.
<i>Solanum melongena</i> (eggplant)					
<i>Ligyrocoris nitidicollis</i> (Stal) (Lygaeidae):	Mexico.....	1			Tex.
<i>Ananas comosus</i> (pineapple)					
<i>Limaz marginatus</i> Müller (Limacidae):	Costa Rica, Guatemala, Jamaica.			3	Fla.
Bromeliad (plant)					
<i>Cordylone terminalis</i> (ti)	Hawaii.....	1			Hawaii.
<i>Lactuca sativa</i> (lettuce)	Italy.....		1		N.Y.
Orchid (plant)	Colombia.....			1	Fla.
<i>Limothrips denticornis</i> (Hal.) (Thripidae):	Europe (country?).....		1		N.Y.
<i>Lactuca sativa</i> (lettuce)					
<i>Liocoris tripustulatus</i> (F.) (Miridae):	France.....		1		Ill.
Rosaceae (leaf)					
<i>Liodontomerus papaveris</i> (Foerster) (Torymidae):	Greece.....	1			N.Y.
<i>Salvia</i> sp. (sage) seed pod					
<i>Liogenys macropelma</i> Bates (Scarabaeidae):	Panama, unknown.....		12		Fla., N.Y.
Airplane					
<i>Liogenys quadridens</i> (Fab.) (Scarabaeidae):	Panama.....		1		Fla.
Airplane					
<i>Lobesia botrana</i> (Schiff.) (Olethreutidae):	Italy.....	1			N.Y.
<i>Vitis</i> sp. (grape)					
<i>Loxostege bifidialis</i> (F.) (Pyraustidae):	Mexico.....	1			Tex.
<i>Portulaca oleracea</i> (purslane)					
<i>Lyctus africanus</i> Lesne (Lyctidae):	Hong Kong.....	1			Md.
Cargo (with household van)	Greece.....	1			Md.
<i>Glycyrrhiza glabra</i> (licorice) root	Unknown.....	1			La.
<i>Swietenia mahagoni</i> (mahogany) dowel					
<i>Lyctus brunneus</i> (Steph.) (Lyctidae):	Australia, Nigeria.....	2			Md., N.Y.
Wood					
<i>Lygaeus equestris</i> (L.) (Lygaeidae):	Morocco.....		1		Fla.
Airplane					
<i>Lygaeus pandurus</i> (Scop.) (Lygaeidae):	do.....		1		Fla.
Airplane					
<i>Lygaeus pulchellus</i> F. (Lygaeidae):	Mexico.....	1			Tex.
<i>Ananas comosus</i> (pineapple)	do.....			1	Tex.
Bromeliad	Honduras.....			1	Fla.
Orchid (plant)					
<i>Lygus lineolaris</i> (Palis.) (Miridae):	Mexico.....	1			Tex.
Plant material (Christmas greenery)					
<i>Lygus rugulipennis</i> Poppius (Miridae):	England.....			1	N.Y.
<i>Arabis</i> sp. (rockcress)					
<i>Macroglossum stellatarum</i> (L.) (Sphingidae):	Spain.....	1			Mass.
Military cargo (conex box)					
<i>Macrosiphum ibarac</i> Mats. (?) (Aphidae):	Unknown.....		1		Hawaii.
<i>Rosa</i> sp. (rose) cut					
<i>Mamestra brassicae</i> (L.) (Noctuidae):	Italy.....		1		N.Y.
<i>Beta vulgaris</i> var. <i>cicla</i> (Swiss chard)	Denmark.....		1		N.Y.
<i>Brassica oleracea</i> var. <i>acephala</i> (kale)	Denmark, France, Italy, Netherlands.			5	N.Y., Ohio.
<i>B. oleracea</i> var. <i>botrytis</i> (cauliflower)	Belgium, France, Italy, Netherlands.			14	Ala., La., N.Y.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage)	France, Spain.....			2	N.Y., P.R.
<i>Lactuca sativa</i> (lettuce)	Italy.....			1	N.Y.
Quarters (with gladiolus flower)					
<i>Marasmia poealis</i> Bdv. (Pyraustidae):	Unknown.....		1		Hawaii.
Airplane					

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<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
Baggage (with coriander seed).....	Dominican Republic.....	1	-----	-----	Fla.
<i>Cajanus cajan</i> (pigeonpea).....	Dominican Republic, Panama, Puerto Rico.	6	-----	-----	N.Y., P.R., Tex.
<i>Canavalia microcarpa</i> (mauna loa) lei.....	Hawaii.....	4	-----	-----	Calif.,* Hawaii.
<i>Phaseolus lunatus</i> (lima bean).....	Puerto Rico.....	1	-----	-----	P.R.
<i>P. vulgaris</i> cv. (string bean).....	Japan, Puerto Rico, Senegal, Surinam.	4	5	-----	Fla., La., N.Y., Tex. Wash.
<i>Sesbania</i> sp.....	Hawaii.....	1	-----	-----	Hawaii.
<i>Matsumuraeses phaseoli</i> (Mats.) (Olethreutidae):					
<i>Phaseolus vulgaris</i> cv. (string bean).....	Japan.....	-----	4	-----	Calif.,* Hawaii, Tex., Wash.
<i>Megalogyllus molinai</i> Chop. (Gryllidae):					
Cargo (in water with tropical fish).....	Colombia.....	1	-----	-----	Fla.
<i>Megaris laenicolis</i> Stal (Pentatomidae):					
Plant material (packing for snakes).....	Brazil.....	1	-----	-----	N.Y.
<i>Megastigmus pistaciae</i> Wlk. (Torymidae):					
<i>Pistacia</i> sp. (pistache) nut.....	Italy.....	2	-----	-----	N.Y.
<i>Melanaspis squamae</i> Ferris (Coccidae):					
<i>Ceratozamia</i> sp. (cycad) stem.....	Mexico.....	-----	-----	1	Calif.*
<i>Melolontha melolontha</i> (L.) (Scarabaeidae):					
Quarters (of airplane).....	Switzerland.....	-----	1	-----	Ill.
<i>Melormenis antillarum</i> (Kirk.) (Flatidae):					
Plant material (leaves for tea).....	Tortola.....	1	-----	-----	Am. V.I.
<i>Meridyras progenies</i> (Guen.) (Noctuidae):					
Airplane.....	Dominican Republic.....	-----	1	-----	Fla.
<i>Merodon equestris</i> (F.) (Syrphidae):					
<i>Narcissus viridiflorus</i> (green autumn jonquil) bulb.	England.....	-----	-----	1	N.J.
<i>Narcissus</i> sp. (bulb).....	England, Netherlands	-----	-----	3	N.J.
<i>Tulipa</i> sp. (tulip) bulb.....	Netherlands.....	-----	-----	1	N.J.
<i>Mescinia peruella</i> Schaus (Phycitidae):					
<i>Gossypium</i> sp. (cottonseed).....	Peru.....	1	-----	-----	Fla.
<i>Metamasius hemipterus hemipterus</i> (L.) (Curculionidae):					
Bromeliad.....	Guatemala.....	-----	-----	1	Tex.
<i>Musa X paradisiaca</i> (plantain) leaf.....	Puerto Rico.....	1	-----	-----	P.R.
<i>Musa</i> sp. (baby banana).....	do.....	1	-----	-----	P.R.
<i>Metamasius hemipterus sericeus</i> (Oll.) (Curculionidae):					
<i>Ananas comosus</i> (pineapple).....	Ecuador.....	1	-----	-----	Fla.
Cargo (in hold of ship).....	do.....	-----	3	-----	Fla.
<i>Musa X paradisiaca</i> (banana).....	Costa Rica, Ecuador, Guatemala, Honduras.	36	-----	-----	Ala., Fla., La., N.Y., Tex.
<i>Micotrogus picrostris</i> (F.) (Curculionidae):					
Plants—unidentified.....	Canada.....	-----	-----	2	Wash.
<i>Micrapate tabialis</i> Lesne (Bostrichidae):					
<i>Salix</i> sp. (willow) crate.....	Mexico.....	1	-----	-----	Ariz.
Wood.....	do.....	1	-----	-----	Calif.
<i>Micrapate mexicana</i> Fisher(?) (Bostrichidae):					
Wood (stem).....	do.....	1	-----	-----	Tex.
<i>Milax gagates</i> (Draparnaud) (Limacidae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage).....	Italy, Netherlands.....	-----	2	-----	N.Y.
<i>Lactuca sativa</i> (lettuce).....	England, France.....	-----	2	-----	N.Y.
Orchid (plant).....	Colombia.....	-----	-----	1	Fla.
<i>Mimegralla coeruleifrons</i> (Macq.) (Micropezidae)					
<i>Zingiber officinale</i> (ginger) root.....	Philippines.....	1	-----	-----	Hawaii.
<i>Mimosestes dominicanus</i> (Jek.) (Bruchidae):					
Seed—unidentified.....	Dominican Republic.....	1	-----	-----	Fla.
<i>Minthea rugicollis</i> (Wlk.) (Lyctidae):					
Plant material (unidentified).....	Hong Kong(?), Macao.	2	-----	-----	Hawaii.
<i>Phragmites</i> sp. (reed) dunnage.....	Africa (country(?)).....	-----	1	-----	Md.
Wood (packing boards).....	Republic of the Congo, unknown.	2	-----	-----	Md.
<i>Minthea squamigera</i> Pascoe (Lyctidae):					
<i>Cedrus</i> sp. (cedar) bark.....	Colombia.....	1	-----	-----	N.Y.

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<i>Miogryllus convolutus</i> (Joh.) (Gryllidae):					
<i>Cucumis melo</i> var. <i>cantalupensis</i> (cantaloupe)	El Salvador	1			Fla.
<i>Mniotropa lichenigera</i> (Hampson) (Noctuidae):					
Airplane	Philippines		1		Hawaii.
<i>Modocogryllus conspersus</i> (Schaum) (Gryllidae):					
Baggage (in suitcase)	Hawaii	1			Hawaii.
<i>Monacha cantiana</i> (Montagu) (Helicellidae):					
Military cargo (conex box)	France	1			La.
<i>Monacha carthusiana</i> (Müller) (Helicellidae):					
Military cargo (conex box)	do.	1			La.
<i>Monacha olivieri</i> (Fer.) (Helicellidae):					
Military cargo (conex box)	Greece, Turkey	3			N.Y.
Soil with plants	Greece			1	N.Y.
<i>Monosteira unicolorata</i> Muls. & Rey (Tingidae):					
<i>Prunus amygdalus</i> (almond)	Greece	1			N.Y.
<i>Morganella longispina</i> (Morg.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Tahiti		2		Calif.*
<i>C. paradisi</i> (grapefruit)	do.	1	7		Hawaii. Calif.* Hawaii.
<i>Mormidea v-luteum</i> (Licht.) (Pentatomidae):					
Plant material (packing for snakes)	Brazil	1			N.Y.
<i>Morphacris fasciata</i> (Thunb.) (Acrididae):					
Cargo (as food for live shrew)	Kenya	1			N.Y.
<i>Muretopia nigrimana</i> Coq. (Anthomyzidae):					
Airplane	Nicaragua		1		P.R.
<i>Myocelandra elongata</i> (Roel.) (Curculionidae):					
Bamboo (cane with roses)	Japan	1			Hawaii.
<i>Myrtecophila americana</i> Sauss. (Gryllidae):					
Orchid (plant)	Guatemala			1	Fla.
<i>Myzus ascalonicus</i> Donc. (?) (Aphidae):					
Soil with <i>Begonia</i> sp. (plant)	France			1	N.J.
<i>Nasutitermes chaquimayensis</i> (Holmgr.) (Termitidae):					
<i>Bletia</i> sp. (orchid) bulb	Peru			1	Fla.
<i>Nasutitermes corniger</i> (Motsch.) (Termitidae):					
<i>Dalbergia</i> sp. (rosewood) log	Brazil	1			Mass.
<i>Schomburgkia</i> sp. (orchid) plant	British Honduras			1	Fla.
Wood (crate)	Venezuela		1		N.Y.
<i>Nasutitermes ephratae</i> (Holmgr.) (Termitidae):					
<i>Epidendrum</i> sp. (orchid) plant	Panama			1	Fla.
Orchid (plant)	British Honduras			1	Fla.
<i>Nasutitermes nigricipes</i> (Hald.) (Termitidae):					
Orchid (plant)	do.			1	Fla.
<i>Nasutitermes rippertii</i> (Rambur) (Termitidae):					
Military cargo	Cuba	1			N.C.
Orchid (plant)	Bahamas			1	Fla.
<i>Naupactus xanthographus</i> (Germ.) (Curculionidae):					
<i>Cucumis melo</i> (melon)	Chile	2			N.Y.
<i>C. melo</i> 'Honeydew'	do.	1			N.Y.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	7			Tex.
<i>Nephotettix apicalis</i> (Motsch.) (Cicadellidae):					
Cargo	India	2			N.Y., Pa.
Stores	Unknown		1		Wash.
<i>Neuroterus tricolor</i> (Hartig) (Cynipidae):					
<i>Quercus</i> sp. (oak) leaf	Germany		1		Ill.
<i>Nysius coenosulus</i> Stal (Lygaeidae):					
Baggage	Hawaii	1			Hawaii.
<i>Oligonychus perditus</i> P. & B. (Tetranychidae):					
<i>Juniperus</i> sp. (juniper) dwarf plant	Japan			1	Hawaii.
<i>Opeas pumilum</i> (Pfeiffer) (Achatinidae):					
<i>Piper</i> sp. (black pepper)	Unknown		1		N.C.
<i>Opeas pyrgula</i> Schmacker & Boettger (Achatinidae):					
<i>Platyterium</i> sp. (staghorn fern)	Philippines			1	Calif.*
<i>Opogona sacchari</i> (Bojer) (Tineidae):					
<i>Cymbopogon citratus</i> (lemon-grass)	Portugal	1			N.Y.
<i>Gladiolus</i> sp. (corn)	Italy			3	N.Y.
<i>Saccharum officinarum</i> (sugarcane)	Portugal	1			N.Y.
Soil with <i>Begonia</i> sp. (plant)	Yugoslavia			1	N.Y.

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<i>Orchidophilus aterrimus</i> (Waterh.) (Curculionidae):					
Baggage	Hawaii	1			Hawaii.
Cargo	do	1			Hawaii.
<i>Dendrobium</i> sp. (orchid)	do	1			Hawaii.
<i>Epidendrum</i> sp. (orchid)	do	1			Hawaii.
Flowers	do	6			Hawaii.
<i>Holmskioldia sanguinea</i> ("Chinese-hat plant")	do	1			Hawaii.
<i>Lilium</i> sp. (lily) bulb	do			1	Hawaii.
Orchid (cut flower)	do	4			Hawaii.
<i>Vanda</i> 'Miss Joachim' (orchid) cut flower	do	33			Hawaii.
<i>Vanda</i> sp. (cut flower)	do	8			Hawaii.
<i>Ostrinia nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Arctium lappa</i> (burdock) stem	Japan		4		Calif., Hawaii.
<i>Capsicum annuum</i> var. <i>grossum</i> (bell pepper)	Italy, Japan, Sweden	1	8		Fla., Hawaii, Md., N.Y., Pa.
<i>Malus sylvestris</i> (apple)	Italy	1			N.Y.
<i>Oryza sativa</i> (rice)	Japan	1			Hawaii.
<i>Prunus persica</i> (peach)	Unknown		1		Fla.
<i>Zea mays</i> (corn) fresh corn and seed	Italy, Thailand		1	2	Hawaii, Ill.
<i>Otala lactea</i> (Müller) (Helicidae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)	Italy		1		N.Y.
Cargo (with cardboard carton)	Yugoslavia	1			Md.
<i>Otala vermiculata</i> (Müller) (Helicidae):					
Baggage	Italy	1			N.Y.
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)	do		1		N.Y.
<i>Lilium</i> sp. (lily) cut flower	Bermuda	1			N.Y.
Military cargo	Crete, Greece, Turkey, unknown.	6			N.Y.
<i>Otosema odorata</i> (L.) (Noctuidae):					
Baggage	Mexico	1			Fla.
<i>Ovalis crataegarius</i> (Wlk.) (Aphidae):					
<i>Mentha pulegium</i> (pennyroyal mint) leaf	Australia			1	D.C.
<i>M. spicata</i> (spearmint)	Portugal	1			N.Y.
<i>Mentha</i> sp.	Italy, Mexico	3		2	Calif., Ill., Mass., Tex.
<i>Oxyambulyx substrigilis</i> (Westw.) (Sphingidae):					
Airplane	Philippines		1		Hawaii.
<i>Ozycaenus hyalinipennis</i> (Costa) (Lygaeidae):					
<i>Gossypium</i> sp. (cottonseed)	Pakistan	1			N.J.
<i>Punica granatum</i> (pomegranate) baled	Greece, Israel	2			N.Y.
<i>Ozychilus alliarius</i> (Müller) (Zonitidae):					
Bamboo	Hawaii	1			Calif.*
<i>Cibotium</i> sp. (fern) log	do			1	Calif.*
Soil	Ireland	1			Mass.
<i>Ozycopis vittata</i> (Fab.) (Oedemeridae):					
Airplane	Unknown		1		P.R.
<i>Oxydema fusiforme</i> Woll. (Curculionidae):					
<i>Leucaena leucocephala</i> (white popinac lead-tree).	Hawaii	1			Hawaii.
<i>Sterculia</i> sp. (stem)	do	1			Hawaii.
<i>Oxydema longulum</i> (Boh.) (Curculionidae):					
<i>Vanda densiflora</i> (orchid) plant	Thailand			1	Hawaii.
<i>Pachybrachius albocinctus</i> Barber (Lygaeidae):					
<i>Agave sisalana</i> (sisal agave) baled	West Africa	1			La.
<i>Palaeopus costicollis</i> Mshl. (Curculionidae):					
<i>Dioscorea</i> sp. (yam)	Jamaica	2			Fla., N.Y.
<i>Pallantia macula</i> Dallas (Pentatomidae):					
Bromeliad	Brazil			1	Fla.
<i>Paracosmia tolteca</i> (Scudd.) (Forficulidae):					
Bromeliad	Mexico			1	Ariz.
Orchid	do			1	Tex.
<i>Parastichtis monoglypha</i> (Hufn.) (Noctuidae):					
Baggage	Unknown	1			N.Y.
<i>Parisotchoenus expositus</i> (Champ.) (Curculionidae):					
<i>Chamaedorea</i> sp. (palm) stem	Mexico	1			Tex.
<i>Parisotchoenus flatolimbatus</i> Champ. (Curculionidae):					
<i>Chamaedorea oblongata</i> (palm) stem	do	1			Tex.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Mexico.....	---	1	---	Calif.*
<i>C. grandis</i> (pummelo).....	Tahiti.....	---	1	---	Hawaii.
<i>C. limon</i> (lemon).....	Unknown.....	---	1	---	Wash.
<i>C. paradisi</i> (grapefruit).....	Israel, Tahiti.....	---	3	---	Calif.*
<i>C. reticulata</i> (Mandarin orange).....	Brazil, Mexico.....	1	1	---	Calif.*
<i>C. sinensis</i> (sweet orange).....	Brazil, Israel, Mexico, Tahiti, unknown.	2	16	---	Calif.,* Wash.
<i>Parlatoria citri</i> McKenzie (Coccidae):					
<i>Citrus aurantium</i> (sour orange).....	Vietnam.....	1	---	---	Hawaii.
<i>C. reticulata</i> (Mandarin orange).....	Philippines.....	1	---	---	Hawaii.
<i>C. sinensis</i> (sweet orange).....	Thailand.....	1	---	---	Hawaii.
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantium</i> (sour orange).....	Vietnam.....	1	---	---	Hawaii.
<i>C. limon</i> (lemon).....	Malta, unknown.....	1	1	---	Calif.*
<i>C. mitis</i> (calamondin orange).....	Hong Kong, Philippines.	1	1	---	Hawaii.
<i>C. paradisi</i> (grapefruit).....	Italy.....	---	1	---	N.Y.
<i>C. paradisi</i> × <i>C. reticulata</i> (tangelo).....	Philippines.....	---	1	---	Hawaii.
<i>C. reticulata</i> (Mandarin orange).....	Algeria, China, Formosa, Haiti, Hong Kong, Italy, Japan, Morocco, Okinawa, Philippines, unknown.	13	12	---	Calif.,* Hawaii, N.Y.
<i>C. sinensis</i> (sweet orange).....	Greece, Hong Kong, India, Italy, Japan, Morocco, Okinawa, Spain, unknown, Vietnam.	10	11	---	Calif.,* Hawaii, N.Y., Wash.
<i>Citrus</i> sp.....	Hong Kong, Wake Island(?).	1	1	---	Calif.,* Hawaii.
<i>Fortunella japonica</i> (kumquat).....	Japan.....	1	---	---	Hawaii.
<i>Parnara guttata</i> (Bremer) (Hesperiidae):					
Airplane.....	do.....	---	1	---	Hawaii.
<i>Parthenothrips dracaenae</i> (Heeger) (Thripidae):					
<i>Nothopanax</i> sp. (false panax).....	Norway.....	---	1	---	N.Y.
<i>Pealius azaleae</i> (B. & M.) (Aleyrodidae):					
<i>Rhododendron</i> sp. (azalea) leaf.....	England.....	---	---	1	N.Y.
<i>Pectinophora gossypiella</i> Saund. (Gelechiidae):					
<i>Gossypium tomentosum</i> (Hawaiian cotton) seed.	Hawaii.....	---	---	1	D.C.
<i>Gossypium</i> sp. (cotton; boll).....	Grenada, Hawaii, Jamaica.	4	---	---	Bermuda, Hawaii, N.Y., P.R.
<i>Gossypium</i> sp. (cotton; lint).....	Jamaica.....	1	---	---	Fla.
<i>Gossypium</i> sp. (cottonseed).....	Dominican Republic, Haiti, Mexico, Pakistan, unknown, Venezuela.	18	---	---	Fla., Ga., La. N.J., N.Y., Tex.
<i>Gossypium</i> sp. (seed cotton).....	Brazil, Mexico.....	2	---	---	Fla., Tex.
<i>Hibiscus esculentus</i> (okra).....	Barbados, Brazil, Dominican Republic, Grenada, Liberia.	29	1	---	Fla., N.Y., Pa., P.R.
<i>Pectinophora malvella</i> (Hbn.) (Gelechiidae):					
<i>Althaea rosea</i> (hollyhock) seed.....	England.....	---	---	1	D.C.
<i>Pentalonia nigronerrosa</i> Coq. (Aphidae):					
<i>Aechmea bracteata</i>	Hawaii.....	1	---	---	Hawaii.
Airplane.....	West Pacific.....	---	1	---	Hawaii.
<i>Alpinia purpurata</i>	American Samoa, Guam, Hawaii.	9	1	---	Hawaii.
Aquatic plant.....	Peru.....	---	---	1	Fla.
<i>Hedychium coccineum</i> (scarlet gingerlily).....	Guatemala.....	---	---	1	Tex.
<i>Zingiber officinale</i> (ginger).....	Hawaii.....	1	---	---	Calif.*
<i>Pentamerismus oregonensis</i> McG. (Tenuipalpidae):					
Bamboo.....	Japan.....	1	---	---	Hawaii.
<i>Citrus</i> sp. (tree).....	do.....	---	---	1	Hawaii.
<i>Juniperus</i> sp. (leaf of plant).....	do.....	---	---	1	Wash.
<i>Pentodon punctatus</i> (Villers) (Scarabaeidae):					
<i>Ailanthus altissima</i> (tree-of-heaven) seed.....	Italy.....	---	---	1	N.J.

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		Consumption	Nonentry	Propagation	
<i>Periphyllus aceris</i> (Koch) (Aphidae):					
<i>Acer pseudoplatanus</i> (European sycamore maple) leaf.	France		1		Mass.
<i>Perkinsiella saccharicida</i> Kirk. (Delphacidae):					
<i>Vanda</i> 'Miss Joachim' (orchid) flower.	Hawaii	1			Hawaii.
<i>Pericopia malvella</i> (Hbn.) (Gelechiidae):					
<i>Althaea rosea</i> (hollyhock) seed pod.	Poland			1	N.Y.
<i>Phaeocatantops decoratus</i> (Gerst.) (Acrididae):					
Food (for bird)	Mozambique	1			N.Y.
<i>Phalonia zephyrana</i> (Treit.) (Phaloniidae):					
<i>Daucus carota</i> var. <i>sativa</i> (carrot)	Italy		2		Pa.
<i>Pheidole megacephala</i> (F.) (Formicidae):					
<i>Alpinia purpurata</i>	Hawaii	3			Hawaii.
<i>Ananas comosus</i> (pineapple)	British Honduras, Hawaii, Nigeria, Philippines, Puerto Rico.	6			Fla., Hawaii, Mass., N.Y., P.R.
<i>Brassavola nodosa</i> (orchid) plant	British Honduras			1	Fla.
Clothing	Haiti	1			Fla.
<i>Cocos nucifera</i> (coconut)	Fiji	1			Calif. *
<i>Cucumis</i> sp. (leaf)	Dominican Republic	1			N.Y.
<i>Dendrobium</i> sp. (orchid) flower	Hawaii	1			Hawaii.
Flowers	do	1			Hawaii.
<i>Gladiolus</i> sp.	Japan		1		Hawaii.
Herb	Dominican Republic	1			N.Y.
<i>Ipomoea batatas</i> (sweetpotato)	do	1			N.Y.
<i>Isora</i> sp.	Fiji	1			Hawaii.
<i>Leptotes</i> sp. (orchid)	St. Martin			1	P.R.
<i>Mangifera indica</i> (mango)	Hawaii	1			Hawaii.
Orchid	Australia, British Honduras, Honduras, Madagascar.			9	Calif., * Fla., N.Y.
<i>Persea americana</i> (avocado)	Dominican Republic	1			N.Y.
<i>Plumeria</i> sp. (frangipani)	Hawaii			1	Calif. *
<i>Zingiber officinale</i> (ginger)	Canal Zone, Fiji	2			Fla., Hawaii.
<i>Phelomerus aberrans</i> (Sharp) (Bruchidae):					
<i>Cassia leptophylla</i> (seed)	Brazil			1	Fla.
Legume (dry pod)	Mexico	1			Tex.
<i>Tamarindus indica</i> (tamarind) pod	do	1			Ariz.
<i>Phyllypera distigma</i> Boh. (Curculionidae):					
Orchid (plant)	do			1	Tex.
<i>Phera centrolineata</i> (Sign.) (Cicadellidae):					
<i>Yucca</i> sp.	do			1	Tex.
<i>Phlyctinus callosus</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape)	Republic of South Africa	12	1		Mass., N.Y.
<i>Pholidoforus advena</i> Zimmerman (Curculionidae):					
Mail	Hawaii	1			Hawaii.
<i>Phytomyza rufipes</i> Meig. (Agromyzidae):					
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower)	Belgium, England, France, Germany.		4		N.Y., Pa., Tex.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage)	England		1		Md.
<i>Cichorium endivia</i> (endive)	Belgium	1			N.Y.
<i>Raphanus sativus</i> (radish)	Denmark, unknown		6		N.Y.
<i>Pieris brassicae</i> (L.) (Pieridae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)	France, Italy		2		Mich., N.Y.
Military cargo (with conex box)	Azores, Morocco	2			La.
<i>Pinaspis buri</i> (Bouché) (Coccidae):					
<i>Cordylone terminalis</i> (ti)	Hawaii	1			Hawaii.
<i>Platoceticus symmicta</i> Dyar (Psychidae):					
<i>Musa X paradisiaca</i> (banana)	Ecuador	1			La.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Capsicum annuum</i> (pepper)	Puerto Rico	1			P.R.
<i>Dianthus caryophyllus</i> (carnation) cut	Brazil		1		N.Y.
<i>Pemelmella abietina</i> Seigner (Cecidomyiidae):					
<i>Picea abies</i> (Norway spruce) seed	Denmark			1	N.J.
<i>P. glauca</i> (white spruce) seed	Austria, Denmark			3	N.J.
<i>Polydesma umbricola</i> Bsd. (Noctuidae):					
Airplane	Japan			1	Hawaii.
Mail (parcel)	Hawaii	1			Hawaii.
<i>Polytus mellerborgii</i> (Boh.) (Curculionidae):					
<i>Musa</i> sp. (banana) plant	do			1	Hawaii.

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		Consump- tion	Nonentry	Propaga- tion	
<i>Porphyrobaphe iostoma</i> (Sowerby) (Bulimulidae): Musa X paradisiaca (banana).....	Ecuador.....	2	-----	-----	Fla.
<i>Praticolella berlandieriana</i> (Moricand) (Polygy- ridae): Aechmea sp. (plant).....	Mexico.....	-----	-----	1	Tex.
<i>Prays fulvocanellus</i> Wlsm. (Yponomeutidae): Pelea anisata (berry lei).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Prays oleellus</i> (F.) (Yponomeutidae): Olea europaea (olive).....	Greece, Italy.....	3	-----	-----	N. Y.
<i>Premnotypes latithorax</i> (Pierce) (Curculionidae): Solarum tuberosum (potato).....	Bolivia.....	1	-----	-----	Fla.
<i>Prepiella aurea</i> (Btlr.) (Aretiidae): Musa X paradisiaca (banana).....	Ecuador.....	2	-----	-----	Fla.
<i>Prodecatoma philodendri</i> Ferr. (Eurytomidae): Philodendron sp. (seed).....	Brazil.....	-----	-----	2	Fla.
<i>Prodenia litura</i> (F.) (Noctuidae): Airplane.....	Unknown.....	-----	1	-----	Hawaii.
Beta vulgaris (beet).....	Israel.....	-----	1	-----	N. Y.
Capsicum annuum (pepper).....	do.....	-----	1	-----	N. Y.
Cargo.....	Philippines.....	1	-----	-----	Hawaii.
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae): Gardenia jasminoides (leaf).....	El Salvador.....	1	-----	-----	Calif.*
<i>Pseudocysta perseae</i> (Heid.) (Tingidae): Persea sp. (leaf).....	Mexico.....	1	-----	-----	Calif.
<i>Pseudaonia claviger</i> Ckll. (Coccidae): Gardenia jasminoides (cut flower).....	Hawaii.....	2	-----	-----	Hawaii.
<i>Pseudoschnaspis alienus</i> (Newst.) (Coccidae): Orchid (plant).....	British Honduras.....	-----	-----	1	Fla.
<i>Pseudoschnaspis howreyi</i> (Ckll.) (?) (Coccidae): Orchid (plant).....	Mexico.....	-----	-----	1	Calif.*
<i>Pseudoschnaspis longissima</i> (Ckll.) (Coccidae): Mangifera indica (mango).....	Guatemala, Mexico.....	3	2	-----	Calif.*
<i>Pseudococcus guhani</i> Green (Coccidae): Cucurbita pepo (pumpkin).....	Brazil.....	-----	1	-----	Calif.*
Musa sp. (stem).....	Hawaii.....	-----	1	-----	Calif.*
<i>Pseudococcus lilacinus</i> Ckll. (Coccidae): Achras zapota (sapodilla) stem.....	Philippines.....	-----	1	-----	Hawaii.
Lansium domesticum (langsat).....	do.....	1	-----	-----	Hawaii.
Quisqualis indica (Rangoon creeper) fruit and stem.....	do.....	1	-----	-----	Hawaii.
<i>Pseudococcus neobrevipes</i> (Beardsley) (Coccidae): Annona reticulata (custard-apple).....	do.....	1	-----	-----	Hawaii.
Cactus (flower).....	Hawaii.....	-----	-----	1	Hawaii.
<i>Pseudococcus oceanicus</i> Tak. (Coccidae): Cocos nucifera (coconut).....	do.....	3	-----	-----	Hawaii.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae): Cocos nucifera (coconut) cap and leaf.....	do.....	2	-----	-----	Calif.*
<i>Pseudopachymerus lallemanti</i> (Mars.) (Bruchi- dae): Acacia sp. (seed).....	Italy.....	1	-----	-----	N. Y.
<i>Pseudoparlatoria serrulata</i> Towns. & Ckll. (Coc- cidae): Orchid.....	Ecuador, Guatemala.....	-----	-----	4	Calif.*
<i>Pseudothrips glaucus</i> Bagnall (Thripidae): Prtea sp.....	Republic of South Africa.....	1	-----	-----	N. Y.
<i>Pulvinaria psidii</i> Mask. (Coccidae): Alpinia purpurata (cut flower).....	Hawaii, Tahiti.....	28	-----	-----	Hawaii.
Gardenia jasminoides (cut flower).....	Hawaii.....	46	1	-----	Hawaii.
Zingiber officinale (ginger) cut flower.....	do.....	1	-----	-----	Calif.*
<i>Pyropotosia pryeri</i> (Jans.) (Scarabaeidae): Clothing.....	Unknown.....	1	-----	-----	Alaska.
<i>Reticulitermes flavipes</i> (Koll.) (Rhinotermitidae): Clothing.....	Mexico.....	1	-----	-----	Tex.
Dioon purpusii (Purpus dioon).....	do.....	-----	-----	1	Tex.
Saccharum officinarum (sugarcane).....	do.....	1	-----	-----	Tex.
<i>Reticulitermes tibialis</i> Banks (Rhinotermitidae): Tilandsia usneoides (treebeard).....	do.....	1	-----	-----	Calif.
<i>Retinella hammonis</i> (Ström) (Zonitidae): Soil.....	Ireland.....	1	-----	-----	Mass.
Soil with Betula sp. (birch).....	Italy.....	-----	-----	1	N. Y.
Soil with potted plants.....	Germany.....	-----	-----	1	N. J.

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<i>Rhagoletis alternata</i> (Fall.) (?) (Tephritidae):					
<i>Rosa</i> sp. (cherry)-----	Czechoslovakia-----	1			N.Y.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
<i>Prunus avium</i> (Mazzard cherry)-----	Germany, unknown-----	1	1		Fla., Ill.
<i>P. cerasus</i> (sour cherry)-----	Europe (country(?)), Germany-----	36	55		N.Y.
<i>Prunus</i> sp. (cherry)-----	Azores, Europe (country(?)), France, Germany, Israel, Italy, Poland, Portugal, Spain, unknown-----	53	40		Calif.,* Ill., Mass., Mich., N.J., N.Y., Pa., P.R.
<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae):					
<i>Prunus</i> sp. (cherry)-----	Turkey-----		1		N.Y.
<i>Rhinostomus barbirostris</i> (F.) (Curculionidae):					
<i>Chamaedorea</i> sp. (palm) leaf-----	Mexico-----	1			Tex.
<i>Rhopalosiphoninus tulipae</i> (Theob.) (Aphididae):					
<i>Gladiolus</i> sp. (corm)-----	Italy-----			1	Mich.
<i>Rhopalosiphum rufiabdominalis</i> (Sasaki) (?) (Aphididae):					
<i>Rhododendron</i> sp. (azalea)-----	Japan-----			1	Hawaii.
<i>Rhynchophorus palmarum</i> (L.) (Curculionidae):					
<i>Cocos nucifera</i> (coconut) tree-----	Mexico-----			1	Tex.
Quarters-----	Unknown-----		1		Fla.
<i>Rumina decollata</i> (L.) (Achatinidae):					
Military cargo-----	Morocco-----	1			N.Y.
<i>Scantius forsteri</i> (F.) (Pyrrhocoridae):					
<i>Vitis</i> sp. (grape)-----	Republic of South Africa-----	1	1		N.Y.
<i>Schneidereria pistaciella</i> Weber (Gelechiidae):					
<i>Pistacia</i> sp. (pistache) green nut-----	Greece, Italy-----	2			N.Y.
<i>Selenothrips rubrocinctus</i> (Giard) (Thripidae):					
<i>Coccoloba</i> sp. (sea grape) leaf-----	Permita-----			1	N.Y.
<i>Cocos nucifera</i> (coconut) plant-----	Palmyra Island-----			1	Hawaii.
<i>Codiaeum variegatum</i> (variegated croton)-----	Hawaii-----	1			Hawaii.
<i>Sennius probus</i> (Shp.) (?) (Bruchidae):					
<i>Cassia occidentalis</i> (coffee senna)-----	Jamaica-----			1	D.C.
<i>Sesamia cretica</i> Led. (Noctuidae):					
<i>Sorghum vulgare</i> var. <i>technicum</i> (broomcorn)-----	Greece, Italy, Spain-----	3	2		Md., N.Y., Ohio.
<i>Zea mays</i> (corn) ear and husk-----	Italy, unknown-----	2		1	N.Y.
<i>Sesamia nonagriodes</i> (Lef.) (Noctuidae):					
Baggage (with <i>Castanea</i> sp. (chestnut))-----	Portugal, Spain-----	2			N.Y., P.R.
<i>Sinoxylon anale</i> Lesne (Bostrichidae):					
Cargo-----	India-----		1		Ala.
<i>Swietenia mahagoni</i> (mahogany) dowell-----	Unknown-----	1			Ia.
Wood (crate)-----	India, Pakistan-----	3			Ia., N.Y.
<i>Sinoxylon conigerum</i> Gerst. (Bostrichidae):					
<i>Anthurium</i> sp.-----	Hawaii-----	1			Hawaii.
Baggage-----	do-----	1			Hawaii.
<i>Samanea</i> sp. (lumber)-----	do-----	1			Hawaii.
Wood (crate)-----	Ceylon, India, Zanzibar-----	3			Calif.,* Md., N.Y.
<i>Siphanta acuta</i> (Wlk.) (Flatidae):					
Flowers-----	Hawaii-----	2			Hawaii.
<i>Sisammes contractus</i> Dist. (Lygaeidae):					
Bromeliad-----	Mexico-----			1	Tex.
<i>Sitona cylindricollis</i> Fahr. (Curculionidae):					
Stores-----	Unknown-----		1		Mich.
<i>Sitona hispidula</i> (F.) (Curculionidae):					
Drnnage-----	do-----		3		Wis.
Nursery stock-----	Netherlands-----			1	N.J.
Quarters-----	Unknown-----		1		Mich.
<i>Scabiosa graminifolia</i> (grassleaf scabious)-----	England-----			1	Ill.
<i>Sitona humeralis</i> Steph. (Curculionidae):					
<i>Apium graveolens</i> var. <i>dulce</i> (celery)-----	Italy-----		1		N.Y.
<i>Sitona lineata</i> (L.) (Curculionidae):					
<i>Ampelopsis</i> sp. (plant)-----	Netherlands-----			1	N.J.
<i>Dianthus caryophyllus</i> (carnation)-----	do-----	1			N.Y.
Flour-----	Canada-----		1		Ohio.
<i>Freesia</i> sp. (cut flower)-----	Netherlands-----	1			N.Y.
Nursery stock-----	do-----			13	N.J.
<i>Rhododendron</i> sp.-----	do-----			1	N.J.

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<i>Sogata orizicola</i> Muir (Delphacidae):					
Airplane	Nicaragua		3		P.R.
<i>Solaropsis monile</i> (Broderip) (Camaenidae):					
<i>Musa</i> × <i>paradisica</i> (banana)	Ecuador	2			Fla., La.
<i>Spanioneura fonscolombei</i> Foerst. (Psyllidae):					
Flowers	England		2		Wash.
<i>Spanogonicus albofasciatus</i> (Reuter) (Miridae):					
<i>Medicago sativa</i> (alfalfa)	Mexico	1			Tex.
<i>Sphenarches caffer</i> (Zell.) (Pterophoridae):					
<i>Cajanus cajan</i> (pigeon pea)	Dominican Republic, Puerto Rico	3			N.Y., P.R.
<i>Dolichos lablab</i> (hyacinth bean)	Trinidad	1			N.Y.
<i>Sphingonotus rubescens</i> (Walk.) (Acrididae):					
Airplane	Morocco		1		Fla.
<i>Spodoptera mauritia acronyctoides</i> (Guen.) (Noctuidae):					
Airplane	China, Guam, Okinawa(?), West Pacific, unknown.		6		Hawaii.
<i>Spodoptera pecten</i> Guen. (Noctuidae):					
Airplane	Japan, unknown		6		Hawaii.
<i>Stator limbatus</i> (Horn) (Bruchidae):					
Airplane	Hawaii		1		Hawaii.
<i>Enterolobium</i> sp. (earpod tree) pod	do	1			Hawaii.
<i>Leucena leucocephala</i> (white popinac leadtree) seed.	do	1			Hawaii.
<i>Pithecellobium dulce</i> (guamachil apes-earring)	Mexico	1			Ariz.
<i>Pithecellobium</i> sp. (seed)	Hawaii			1	Calif.*
Plant material (dry)	do	1			Hawaii.
<i>Samanea saman</i> (raintree saman)	do	2			Hawaii.
<i>Stator pruininus</i> (Horn) (Bruchidae):					
Seed—Unidentified	do	1			Hawaii.
<i>Stenotarsonemus laticeps</i> (Halb.) (Tarsonemidae):					
<i>Narcissus</i> sp. (bulb)	England, Ireland			141	N.J.
<i>Stenoma catenifer</i> Wism. (Stenomidae):					
<i>Persea americana</i> (avocado)	British Honduras, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Peru, unknown, Venezuela.	38	4	2	Ala., Calif.,* Fla., La., N.Y., S.C., Tex.
<i>P. americana</i> var. <i>drymifolia</i> (Mexican avocado).	Mexico	1			Tex.
<i>Stenoptilia stigmatodactyla</i> Zell. (Pterophoridae):					
<i>Gentiana</i> sp. (gentian) cut flower	Switzerland	2			N.Y.
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae):					
<i>Coffea arabica</i> (Arabian coffee) berry	Brazil	1		1	N.Y.
<i>Coffea</i> sp.	Formosa, Republic of South Africa, unknown.	4			Hawaii, Mich., N.J., Va.
<i>Sternochetus mangiferae</i> (F.) (Curculionidae):					
<i>Mangifera indica</i> (mango)	Hawaii, India	55	1	5	Calif.,* Hawaii, N.Y.
<i>Sterrhia inguinata</i> (Scop.) (Geometridae):					
<i>Opuntia humifusa</i> (pricklypear) flower	Italy	1			N.Y.
<i>Subulina octona</i> (Brug.) (Achatinidae):					
<i>Mirabilis jalapa</i> 'Marvel-of-Peru' (four-o'clock) seed.	Netherlands			1	Pa.†
Orchid (plant)	Peru			1	Fla.
<i>Suidasia medanensis</i> Oud. (Acaridae):					
<i>Gossypium</i> sp. (cottonseed)	India			1	N.Y.
<i>Pluchea odorata</i>	Philippines	1			Hawaii.
<i>Sybra alternans</i> (Wied.) (Cerambycidae):					
<i>Anthurium</i> sp. (cut flower)	Hawaii	1			Hawaii.
Baggage	do	1			Hawaii.
<i>Lucopodium cernuum</i> (staghorn clubmoss)	do	1			Hawaii.
<i>Plumeria rubra</i> (Mexican frangipani)	do			1	Hawaii.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Sylepta balteata</i> (F.) (Pyraustidae):					
Airplane	Unknown		1		Hawaii.
<i>Syngamia florella</i> (Cram.) (Pyraustidae):					
Airplane	Cuba		1		Fla.
<i>Syntomis cyssea</i> (Cr.) (Ctenuchidae):					
Debris	India		1		Va.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae):					
<i>Anemone</i> sp. (cut flower)	England	1			N.Y.
<i>Aster</i> sp. (cut flower)	Europe (country(?)), Germany.	1	1		N.Y.
<i>Bellis</i> sp. (daisy) cut flower	Sweden(?)		1		N.Y.
<i>Calluna vulgaris</i> (heather) cut stems	England, Germany, Ireland, Norway, Scotland.	7			N.Y.
<i>Centaurea cyanus</i> (cornflower)	Belgium, England	2			Ill., N.Y.
<i>Chrysanthemum</i> sp. (cut flower)	England, Scotland	1	1		N.Y.
<i>Crocus</i> sp. (cut flower)	England	1			N.Y.
<i>Dahlia</i> sp. (cut flower)	Ireland, Netherlands, unknown.	2	1		N.Y.
<i>Dianthus barbatus</i> (sweetwilliam)	England	2			Mass., N.Y.
<i>D. caryophyllus</i> (carnation)	Denmark, England, Europe (country(?)), Germany, Hungary, Ireland, Netherlands, Poland, Scotland, unknown, Yugoslavia.	29	10		Ill., Mass., N.J., N.Y., Pa., Wash.
Flowers	Denmark, England, Germany, Netherlands, unknown.	3	6		Calif.,* N.J., N.Y., Wash.
<i>Gladiolus</i> sp. (cut flower)	Ireland	1			N.Y.
<i>Lathyrus odoratus</i> (sweetpea) cut flower	Germany, Norway, unknown.	2	3		N.Y.
<i>Lupinus</i> sp. (lupine) cut flower	Unknown		1		N.Y.
Nursery stock	Netherlands			4	N.J.
<i>Ornithogalum</i> sp.	do	1			N.Y.
<i>Phlox</i> sp. (cut flower)	England		1		N.Y.
<i>Rosa</i> sp. (cut flower)	Czechoslovakia, Denmark, England, Germany, Ireland, Poland, Sweden, unknown.	12	3		Ill., N.Y.
Soil with unidentified plants	Brazil			1	N.Y.
<i>Taeniothrips dianthi</i> Priesner (Thripidae):					
<i>Dianthus caryophyllus</i> (carnation) cut	Belgium, Europe (country(?)), Germany, Hungary, Poland.	5	4		Ill., N.Y.
<i>Taeniothrips discolor</i> (Karny) (Thripidae):					
<i>Gerbera</i> sp. (cut flower)	Israel	1			Ill.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather) cut stem and plant	England, Germany, Ireland, Norway, Poland, Scotland.	16	2		Ill., N.Y., Pa.
<i>Rosa</i> sp. (cut flower)	Hungary	1			N.Y.
<i>Solanum tuberosum</i> (potato)	England	1			Hawaii.
<i>Taeniothrips eucharis</i> (Whetzel) (Thripidae):					
<i>Lycoris albiflora</i> (bulb)	Japan			1	N.Y.
<i>L. aurea</i> (golden lycoris) bulb	do			3	N.Y.
<i>L. radiata</i> (shorttube lycoris) bulb	do			4	N.Y.
<i>L. sanguinea</i> (orange lycoris) bulb	do			1	N.Y.
<i>L. squamigera</i> (autumn lycoris) bulb	do			4	N.Y.
<i>Lycoris</i> sp. (bulb)	do			6	Calif.,* N.J., N.Y., N.C.
<i>Narcissus</i> sp. (bulb)	do			1	N.Y.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Canavalia</i> sp. (mauna loa) lei	Hawaii	1			Calif.,*
<i>Gardenia jasminoides</i>	do	10			Hawaii.
<i>Vanda</i> 'Miss Joachim' (orchid) flower	do	1			Hawaii.
<i>Taeniothrips picipes</i> (Zett.) (Thripidae):					
<i>Dianthus caryophyllus</i> (carnation) cut	Spain	1			N.Y.
<i>Prosopis nigra</i> (cut flower)	Argentina	1			N.Y.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya).....	Mexico.....	6	1	1	Tex.
<i>A. muricata</i> (sour sop).....	Dominican Republic.....		1		Pa.
<i>Annona</i> sp. (seed).....	Mexico.....	2			Tex.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea alata</i> (winged yam) root.....	Ghana.....			1	D.C.
<i>Zingiber officinale</i> (ginger).....	Fiji, Japan.....	10			Calif.,* Hawaii.
<i>Teleogryllus mitratus</i> (Burm.) (Gryllidae):					
Airplane.....	Japan.....		1		Hawaii.
Mail (sack).....	do.....	1			Hawaii.
<i>Teleonemia prolixa</i> Stal (Tingidae):					
<i>Chrysanthemum</i> sp. (cut flower).....	Mexico.....	1			Ariz.
<i>Tenthercoris exitiosus</i> (Dist.) (Miridae):					
Orchid (plant).....	Brazil.....			1	Fla.
<i>Tephritis conura</i> Loew (Tephritidae):					
<i>Cirsium</i> sp. (thistle) flower head.....	Sweden.....			1	Va.
<i>Tetranychus cinnabarinus</i> (Bois.) (Tetranychidae):					
<i>Dianthus caryophyllus</i> (carnation) cut.....	Mexico.....	1			Tex.
<i>Fragaria</i> sp. (strawberry) plant.....	do.....			1	Calif.
<i>Tetranychus viennensis</i> Zacher (Tetranychidae):					
<i>Malus sylvestris</i> (apple).....	Hungary, Japan.....	2			Hawaii, Tex.
<i>Theba pisana</i> (Müller) (Helicidae):					
Airplane.....	Spain.....		1		Fla.
<i>Allium porrum</i> (leek).....	Portugal.....		1		N.Y.
Automobile.....	France, Libya.....	3			Ohio, S.C.
<i>Citrus sinensis</i> (sweet orange).....	Morocco.....	1			Va.
Crate.....	Portugal, Spain.....	2			Calif.,* Del.
Flowers.....	France.....	1			Ill.
<i>Lactuca sativa</i> (lettuce).....	France, Italy, Morocco.....		4		N.Y.
<i>Lilium candidum</i> (Madonna lily).....	Unknown.....	1			N.Y.
Military cargo.....	Azores, Crete, Italy, Libya, Morocco, Spain, unknown.....	39			La., Mass., N.Y., N.C., S.C., Va.
<i>Mirabilis jalapa</i> (four-o'clock) seed.....	France, Netherlands.....			2	Pa.
Plant material (dry).....	France.....	1			Calif.*
<i>Protea</i> sp. (cut flower).....	Republic of South Africa.....	1			N.Y.
<i>Quercus suber</i> (cork oak).....	Spain.....	1			Ill.
Stores.....	do.....		1		S.C.
<i>Thrips angusticeps</i> Uzel (Thripidae):					
<i>Chrysanthemum</i> sp. (cut flower).....	England.....		1		N.Y.
<i>Citrus</i> sp. (plant).....	Italy.....			1	N.Y.
<i>Cynara scolymus</i> (artichoke).....	do.....	1			N.Y.
Flowers.....	Greece.....		1		N.Y.
<i>Lactuca sativa</i> (lettuce).....	England, Europe (country(?)), France, Italy, unknown.....		9		Mass., N.Y.
<i>Matthiola</i> sp. (stock) cut flower.....	Greece.....	1			N.Y.
<i>Rosmarinus officinalis</i> (rosemary).....	Italy.....			1	Mass.
Soil with plants.....	do.....			2	Mass.
<i>Thrips flarus</i> Schrank (Thripidae):					
<i>Anemone</i> sp. (cut flower).....	France.....	1			N.Y.
<i>Antirrhinum majus</i> (snapdragon) cut.....	England, Ireland.....	2			N.Y.
<i>Aster</i> sp. (cut flower).....	Germany.....	1			N.Y.
<i>Calluna vulgaris</i> (heather).....	Germany, Iceland, Ireland, Norway, Scotland.....	5	1	1	N.Y.
<i>Chrysanthemum</i> sp. (cut flower).....	England, Scotland, unknown.....	3	7		N.Y.
<i>Convallaria majalis</i> (lily-of-the-valley) cut flower.....	England.....	1			N.Y.
<i>Cynara scolymus</i> (artichoke).....	do.....	1			N.Y.
<i>Dahlia</i> sp. (cut flower).....	England, Scotland, unknown.....	2	1		N.Y.
<i>Dianthus barbatus</i> (sweetwilliam) cut.....	Switzerland.....		1		N.Y.
<i>D. caryophyllus</i> (carnation).....	Europe (country(?)), Ireland, Poland.....	3	1		N.Y.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Thrips flarus</i> Schrank—Continued					
Flowers.....	Denmark, England, Germany, unknown.	1	10	-----	Calif.,* N.J., Pa., Wash.
<i>Fragaria</i> sp. (strawberry) plant.....	Switzerland.....	-----	-----	1	N.Y.
<i>Gladiolus</i> sp. (cut flower).....	England, Germany, Poland.	3	-----	-----	N.Y.
<i>Lathyrus odoratus</i> (sweetpea) cut.....	Scotland.....	1	-----	-----	N.Y.
<i>Lupinus</i> sp. (lupine) cut flower.....	Unknown.....	-----	1	-----	N.Y.
Nursery stock.....	Netherlands.....	-----	-----	3	N.J.
<i>Rosa</i> sp. (cut flower and plant).....	Czechoslovakia, Denmark, England, Finland, Germany, Ireland, Israel, Poland, Switzerland, unknown.	18	3	1	Ill., Mass., N.Y.
<i>Zinnia</i> sp. (cut flower).....	England.....	1	-----	-----	Pa.
<i>Thrips imuginis</i> Bagnall (Thripidae):					
<i>Hyacinthus</i> sp. (cut flower).....	Australia.....	-----	1	-----	Hawaii.
<i>Rosa</i> sp. (cut flower).....	do.....	1	-----	-----	Hawaii.
<i>Thrips major</i> Uzel (Thripidae):					
<i>Bellis</i> sp. (daisy) cut flower.....	Iceland.....	-----	1	-----	N.Y.
<i>Calluna vulgaris</i> (heather).....	Germany.....	2	-----	-----	N.Y., Wash.
<i>Dianthus caryophyllus</i> (carnation).....	Finland, Germany, Greece, Sweden.	3	1	-----	Ill., N.Y.
Flowers.....	England, Ireland.....	1	2	-----	N.Y., Wash.
<i>Gentiana</i> sp. (gentian) cut flower.....	Denmark.....	1	-----	-----	N.Y.
<i>Rosa</i> sp.....	Denmark, England, Finland, Germany, Ireland, Israel, unknown.	12	3	-----	Ill., N.Y., Wash.
<i>Thrips nigropilosus</i> Uzel (Thripidae):					
<i>Chrysanthemum</i> sp. (cut flower).....	Japan.....	1	-----	-----	Hawaii.
<i>Thrips pillichi</i> Priesner (Thripidae):					
<i>Chrysanthemum</i> sp. (cut flower).....	England, unknown.....	-----	3	-----	N.Y.
<i>Dahlia</i> sp. (cut flower).....	England.....	1	-----	-----	N.Y.
Flowers.....	England, unknown.....	1	7	-----	Pa., Wash.
<i>Petroselinum crispum</i> (parsley).....	England.....	-----	1	-----	Wash.
<i>Tipula paludosa</i> Mg. (Tipulidae):					
<i>Arabis</i> sp. (rockcress) plant.....	do.....	-----	-----	1	N.Y.
<i>Tipula scripta</i> Mg. (Tipulidae):					
Airplane.....	Germany.....	-----	1	-----	N.J.
<i>Tortrix excessana</i> (Wlk.) (Tortricidae):					
<i>Malus sylvestris</i> (apple).....	New Zealand.....	1	-----	-----	Hawaii.
<i>Treherniella tibouchinae</i> (Moulton) (Phlaeothripidae):					
<i>Schizolobium parahybum</i> (seed).....	Brazil.....	-----	-----	1	D.C.
<i>Trialeurodes similis</i> Rsl. (Aleyrodidae):					
<i>Citrus</i> sp. (leaf).....	Mexico.....	3	-----	-----	Calif., Tex.
<i>Trialeurodes ritrinellus</i> Kkll. (Aleyrodidae):					
<i>Citrus</i> sp. (leaf).....	do.....	1	-----	-----	Tex.
<i>Trichia hispida</i> (L.) (Helicellidae):					
Soil.....	Ireland.....	1	-----	-----	Mass.
<i>Trigonophora meticulosa</i> (L.) (Noctuidae):					
Packing material (with <i>Aconitum</i> sp.).....	Netherlands.....	-----	-----	1	N.Y.
<i>Trochuda raspa</i> (Druce)(?) (Dipteridae):					
Orchid (plant).....	Mexico.....	-----	-----	1	Tex.
<i>Trogoderma granarium</i> Everts (Dermestidae):					
<i>Acacia senegal</i> (gum arabic).....	Sudan.....	59	-----	-----	N.Y.
<i>Acacia</i> sp. (talha gum).....	do.....	1	-----	-----	N.Y.
<i>Apium graveolens</i> var. <i>dulce</i> (celery) seed.....	India.....	2	-----	-----	N.Y.
<i>Astragalus gummifer</i> (gum tragacanth).....	Iran.....	2	-----	-----	N.Y.
Bagging (including new burlap, used burlap and jute bagging, and wrappers on bales of raw cotton, bales of rubber, black pepper, celery seed, coir yarn, cotton waste, guar gum, gum arabic, gum tragacanth, mangrove bark, monkey food, myrobalan, rice, and tamarind seed powder).	Ceylon, Germany, India, Netherlands Pakistan, Sudan.	26	1	-----	Ga., Ill., Md., N.Y., N.C., Pa., S.C., Tex.
Ballast.....	India.....	-----	1	-----	Minn.
<i>Caesalpinia coriaria</i> (divi-divi) pod.....	Unknown.....	1	-----	-----	Md.
<i>Cajanus cajan</i> (pigeonpea).....	India, Kenya(?), unknown.	-----	4	-----	N.C., Pa., Tex.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Trogoderma granarium</i> Everts—Continued					
Cargo (in hold of ship and with cotton cloth, crates of glass, and wall board).	France, Germany, India, Iran, Pakistan, unknown.	9	22	-----	Ill., Md., Mich., N.C., Ohio, Pa., S.C., Tex.
<i>Cicer arietinum</i> (chickpea).....	India.....	1	-----	-----	N.Y.
<i>Cinnamomum</i> sp. (cinnamon).....	Seychelles.....	1	-----	-----	N.Y.
<i>Coriandrum sativum</i> (coriander) seed.....	India.....	-----	1	-----	Hawaii.
<i>Cuminum cyminum</i> (cumin) seed.....	Iran, Lebanon.....	3	-----	-----	N.Y.
<i>Cyamopsis tetragonoloba</i> (guar gum).....	India, Pakistan, Sudan.....	13	-----	-----	N.Y., N.C., S.C.
Debris.....	Formosa, India, Korea, unknown.	-----	8	-----	Calif., * Ga., La., Md., Pa.
<i>Foeniculum vulgare</i> (fennel) seed.....	India.....	2	-----	-----	N.Y., Pa.
<i>Glycine max</i> (soybean).....	Formosa, unknown.....	-----	2	-----	Wash.
Grain.....	India, unknown.....	-----	2	-----	Mich., N.Y.
Gum zedou.....	Iran.....	2	-----	-----	N.Y.
<i>Myristica fragrans</i> (nutmeg).....	Ceylon.....	1	-----	-----	N.Y.
<i>Oryza sativa</i> (rice).....	Federation of Malaysia, Hong Kong, India, Iran, Japan, Pakistan, Thailand, unknown.	2	16	-----	Ala., Calif., * La., N.Y., N.C., S.C., Wash.
<i>Phaseolus aureus</i> (mung bean).....	Formosa.....	-----	1	-----	Hawaii.
<i>P. vulgaris</i> cv. (string bean).....	Netherlands.....	-----	1	-----	Tex.
<i>Pistacia vera</i> (common pistache) nut.....	India.....	1	-----	-----	Tex.
<i>Pisum sativum</i> (pea).....	France, India, Netherlands.....	-----	3	-----	Md., Tex.
<i>Plantago ovata</i> (psyllium) husk and seed.....	India.....	3	-----	-----	N.Y., Pa.
<i>Pyrus</i> sp. (seed).....	Kuwait.....	1	-----	-----	N.Y.
Quarters (of ship).....	Unknown.....	-----	1	-----	S.C.
<i>Sterculia urens</i> (gum karaya).....	India.....	11	-----	-----	N.Y., Pa., Va.
Stores (on storeroom floor and shelves and in chickpea, coriander, pea, pigeonpea, rice, and sugar).	England, Germany, Hong Kong, India, Japan, Pakistan, unknown.	-----	15	-----	Ga., Hawaii, Md., N.C., Pa., S.C., Tex., Wash.
<i>Tamarindus indica</i> (tamarind) seed powder.....	India.....	3	-----	-----	Ga., Va.
<i>Terminalia</i> sp. (myrobalan).....	do.....	2	-----	-----	N.Y., S.C.
<i>Vicia faba</i> (broadbean).....	Unknown.....	-----	1	-----	Ill.
<i>Trogoxylon aequale</i> (Woll.) (Lyctidae):					
Automobile.....	Mexico.....	1	-----	-----	Calif.
<i>Rhynchosisia pyramidalis</i> ("pego palo").....	Haiti.....	1	-----	-----	Fla.
Wood (hardwood art carving).....	American Virgin Islands.....	1	-----	-----	N.Y.
<i>Trogoxylon prostomoides</i> (Gorh.) (Lyctidae):					
Bamboo (basket).....	Mexico.....	1	-----	-----	Calif.
Wood (mask).....	do.....	1	-----	-----	Calif.
<i>Tylotropidius gracilipes</i> Brancsik (Acrididae):					
Food (for bird).....	Mozambique.....	1	-----	-----	N.Y.
<i>Udea ferrugalis</i> (Hbn.) (Pyraustidae):					
<i>Apium graveolens</i> var. <i>dulce</i> (celery).....	Italy.....	-----	2	-----	N.Y.
<i>Brassica oleracea</i> var. <i>capitata</i>	do.....	-----	2	-----	N.Y.
<i>Lactuca sativa</i> (lettuce).....	France, Italy.....	-----	2	-----	N.Y.
<i>Lycopersicon esculentum</i> (tomato).....	Italy.....	-----	1	-----	N.Y.
<i>Mentha</i> sp. (mint) leaf.....	Portugal.....	1	-----	-----	N.Y.
<i>Petroselinum crispum</i> (parsley).....	Greece.....	1	-----	-----	N.Y.
<i>Utopa hovana</i> Lallemand (Cicadellidae):					
Orchid (plant).....	Madagascar.....	-----	-----	1	N.Y.
<i>Utopa reticulata</i> (F.) (Cicadellidae):					
<i>Calluna vulgaris</i> (heather).....	Denmark, Germany.....	2	-----	-----	N.Y.
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Guatemala, Nicaragua, Panama, Brazil, Guatemala, Mexico.....	1	2	-----	Calif.*
<i>C. limon</i> (lemon).....	Brazil, Guatemala, Mexico.....	2	2	-----	Calif.*
<i>C. paradisi</i> (grapefruit).....	Panama.....	-----	2	-----	Calif.*
<i>C. reticulata</i> (Mandarin orange).....	Brazil, Ecuador.....	-----	2	-----	Calif.*
<i>C. sinensis</i> (sweet orange).....	Brazil, Japan, Mexico.....	2	5	-----	Calif.*

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		Consump- tion	Nonentry	Propaga- tion	
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Japan.....		2		Hawaii, Wash.
<i>C. aurantium</i> (sour orange).....	do.....		12		Calif., Hawaii, Wash.
<i>C. ichangensis</i> × <i>C. reticulata</i> var. <i>austra</i> ("yuzu").....	do.....		1		Calif.
<i>C. limon</i> (lemon).....	Japan, unknown.....		18		Calif.,* Hawaii, N.Y., Oreg.
<i>C. paradisi</i> (grapefruit).....	Japan.....	3	14		Calif.,* Hawaii, Hawaii, N.Y.
<i>C. paradisi</i> × <i>C. reticulata</i> (tangelo).....	do.....		7		Calif.,* Hawaii, N.Y.
<i>C. reticulata</i> (Mandarin orange).....	Australia, China, Hong Kong, Japan, unknown.....	48	168		Calif.,* Hawaii, N.Y., Oreg. Wash.
<i>C. reticulata</i> cv.....	Hong Kong, Japan.....	5	7		Hawaii, Calif.,
<i>C. sinensis</i> (sweet orange).....	Australia, China, Fiji, Japan, Philippines.....	11	111		Hawaii, N.Y., Oreg., Wash.
<i>Citrus</i> sp.....	Japan.....		2	16	Calif.,* Hawaii.
<i>Fortunella japonica</i> (Marumi kumquat).....	do.....			2	Hawaii.
<i>Utethesia pulchella</i> (L.) (Arctiidae):					
Airplane.....	West Pacific.....		1		Hawaii.
<i>Vilga dissimilis</i> Dist. (Coreiidae):					
Orchid (plant).....	Canal Zone.....			1	Fla.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Annona muricata</i> (sour sop) leaf.....	Dominican Republic.....	2			Fla.
<i>Anthurium</i> sp. (leaf).....	Trinidad.....			1	Fla.
<i>Aspasia epidendroides</i> (orchid) leaf.....	Canal Zone.....			1	Fla.
<i>Brassia caudata</i> (orchid).....	Panama.....			1	Fla.
<i>Brassia</i> sp. (leaf).....	Canal Zone, Panama.....			2	Fla.
<i>Bromeliad</i> (leaf).....	Jamaica.....			1	Fla.
<i>Broughtonia</i> sp. (orchid) leaf.....	Haiti, Jamaica.....			10	Fla.
<i>Cattleya</i> sp. (orchid) leaf.....	Trinidad.....			1	N.J.
<i>Epidendrum fragrans</i> (orchid) leaf.....	Canal Zone.....			1	Fla.
<i>Epidendrum</i> sp. (leaf).....	Antigua, Dominica, unknown.....			4	Fla.
<i>Eugenia jambos</i> (rose-apple) leaf.....	Jamaica.....	1			Fla.
Leaf—unidentified.....	Dominican Republic.....	1			Fla.
<i>Lycaste</i> sp. (orchid) leaf.....	Canal Zone.....			1	Fla.
<i>Maxillaria</i> sp. (orchid) leaf.....	Panama.....			1	Fla.
<i>Notylia barkeri</i> (orchid) leaf.....	do.....			1	Fla.
<i>Oncidium</i> sp. (orchid) leaf.....	British Honduras, French Guiana, Jamaica, Trinidad.....			5	Fla.
Orchid (leaf).....	Antigua, Bahamas, British Honduras, Canal Zone, El Salvador, Guate- mala, Haiti, Jamaica, Panama, Puerto Rico, Trini- dad, unknown.....			41	Calif.,* Fla.
Palm (leaf).....	Puerto Rico.....	1			Fla.
<i>Stanhopea</i> sp. (orchid) leaf.....	Canal Zone.....			2	Fla.
<i>Xanthochroina bicolor</i> (LeC.) (Oedemeridae):					
Debris.....	Mexico.....	1			Tex.
<i>Xiphidiopsis lita</i> Heb. (Tettigoniidae):					
<i>Operculina tuberosa</i> (wood-rose).....	Hawaii.....	1			Hawaii.
<i>Vanda</i> 'Miss Joachim' (orchid).....	do.....	1			Hawaii.
<i>Xyloperthella crinitarsis</i> (Imh.) (Bostriichidae):					
Wood (packing board).....	Republic of the Congo.....	3			Md.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Xyloperthella picea</i> (Oliv.) (Bostrichidae): Wood (packing board).....	Angola, Republic of the Congo, West Africa.	3	-----	-----	Md.
<i>Xyloperthodes nitidipennis</i> (Murray) (?) (Bostrichidae): Wood (packing board).....	West Africa.....	1	-----	-----	Md.
<i>Xylopsocus castanoptera</i> (Fairm.) (Bostrichidae): <i>Samanea saman</i> (raintree saman) log.....	Fiji.....	1	-----	-----	Hawaii.
<i>Xylothrips religiosus</i> (Boisd.) (Bostrichidae): <i>Anthurium</i> sp.....	Hawaii.....	1	-----	-----	Hawaii.
Wood (packing board).....	Ceylon.....	1	-----	-----	Md.
<i>Zamagiria dixolophella</i> Dyar (Phycitidae): <i>Achras zapota</i> (sapodilla).....	Honduras.....	-----	1	-----	Fla.
<i>Zeadiatraea lineolata</i> (Wlk.) (Crambidae): Airplane.....	Nicaragua.....	-----	1	-----	P. R.
<i>Saccharum officinarum</i> (sugarcane).....	Bahamas.....	1	-----	-----	Fla.
<i>Zea mays</i> (corn).....	Guatemala.....	1	-----	-----	Tex.

*(An asterisk indicates State inspection)

Hosts and Insects

- ACACIA:**
Acanthoscelides spinipes (Coleoptera)
Araecerus levipennis (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)
Exptochiamera formosa (Hemiptera)
Pseudopachymerus lallemandi (Coleoptera)
Trogoderma granarium (Coleoptera)
- ACER:**
Periphyllus aceris (Homoptera)
- ACHRAS:**
Anastrepha ocesia (Diptera)
Pseudococcus lilacinus (Homoptera)
Zamagiria dizophella (Lepidoptera)
- ADENANTHERA:**
Caryedon gonagra (Coleoptera)
- AECHMEA:**
Pentalonia nigronervosa (Homoptera)
Praticolella berlandieriana (Mollusca)
- AGAVE:**
Batrachedra linaria (Lepidoptera)
Pachybrachius albocinctus (Hemiptera)
- AILANTHUS:**
Pentodon punctatus (Coleoptera)
- ALEURITES:**
Dacus dorsalis (?) (Diptera)
- ALLIUM CEPA:**
Aceria tulipae (Acarina)
Acrolepia assectella (Lepidoptera)
- ALLIUM PORRUM:**
Acrolepia assectella (Lepidoptera)
Cochlicella ventrosa (Mollusca)
Helicella virgata (Mollusca)
Theba pisana (Mollusca)
- ALLIUM SATIVUM:**
Brachycerus albidentatus (Coleoptera)
B. algius (Coleoptera)
Cochlicella barbara (Mollusca)
Dyspessa ulula (Lepidoptera)
- ALPINIA:**
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)
Pulvinaria psidii (Homoptera)
- ALTHAEA:**
Pectinophora mellea (Lepidoptera)
Pericopia maltella (Lepidoptera)
- AMPELOPSIS:**
Sitona lineata (Coleoptera)
- ANANAS:**
Araecerus levipennis (Coleoptera)
Arphnus melanotylus (Hemiptera)
Dysdercus obliquus (Hemiptera)
Ethelema sobrina (Coleoptera)
Ligyrocotis nitidicollis (Hemiptera)
Lygaeus pulchellus (Hemiptera)
Metamasius hemipterus sericeus (Coleoptera)
Pheidole megacephala (Hymenoptera)
- ANEMONE:**
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
- ANNONA:**
Bephrata maculicollis (Hymenoptera)
Cerconota anonella (Lepidoptera)
Pseudococcus neobrevipes (Homoptera)
Talponia batesi (Lepidoptera)
Vinsonia stellifera (Homoptera)
- ANTHURIUM:**
Bradybaena similaris (Mollusca)
Ceroplastes rubens (Homoptera)
Sinozyllon conigerum (Coleoptera)
Sybra alternans (Coleoptera)
Vinsonia stellifera (Homoptera)
Xylothrips religiosus (Coleoptera)
- ANTIRRHINUM:**
Haplothrips goudyei (Thysanoptera)
Thrips flavus (Thysanoptera)
- APIUM:**
Euleia heraclei (Diptera)
Sitona humeralis (Coleoptera)
Trogoderma granarium (Coleoptera)
Udea ferrugalis (Lepidoptera)
- ARABIS:**
Lygus rugulipennis (Hemiptera)
Tipula paludosa (Diptera)
- ARACHIS:**
Caryedon gonagra (Coleoptera)
- ARCTIUM:**
Ostrinia nubilalis (Lepidoptera)
- ARECA:**
Aspidiotus palmarum (Homoptera)
- ASPASIA:**
Vinsonia stellifera (Homoptera)
- ASTER:**
Frankliniella intonsa (Thysanoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
- ASTRAGALUS:**
Bruchidius marginalis (Coleoptera)
Trogoderma granarium (Coleoptera)
- AVERROA:**
Dacus dorsalis (Diptera)
- BAMBOO:**
Asterolecanium bambusae (Homoptera)
Chlorophorus annularis (Coleoptera)
Eucalendra setulosa (Coleoptera)
Myocalandra elongata (Coleoptera)
Orychilus altianus (Mollusca)
Pentamerismus oregonensis (Acarina)
Trogosyllum prostomoides (Coleoptera)
- BAMBUSA:**
Asterolecanium bambusae (Homoptera)
- BARRINGTONIA:**
Ectomyelois ceratoniae (Lepidoptera)
- BELLIS:**
Taeniothrips atratus (Thysanoptera)
Thrips major (Thysanoptera)
- BETA:**
Gnorimoschema ocellatella (Lepidoptera)
Mamestra brassicae (Lepidoptera)
Prodenia litura (Lepidoptera)
- BETULA:**
Aceria rudis (Acarina)
Argyroplaca lacunana (Lepidoptera)
- BILLBERGIA:**
Aleuroplatus variegatus (Homoptera)
- BIXA:**
Acanthoscelides bixae (Coleoptera)
- BLETIA:**
Nasutitermes chaguimayensis (Isoptera)
- BRASSAVOLA:**
Pheidole megacephala (Hymenoptera)
- BRASSIA:**
Vinsonia stellifera (Homoptera)
- BRASSICA OLERACEA VAR. ACEPHALA:**
Mamestra brassicae (Lepidoptera)
- BRASSICA OLERACEA VAR. BOTRYTIS:**
Ariantra arbutorum (Mollusca)
Bibio hortulanus (Diptera)
Evergestis forficatus (Lepidoptera)
Helicella candidula (Mollusca)
Helix aspersa (Mollusca)
Mamestra brassicae (Lepidoptera)
Phytomyza rufipes (Diptera)
- BRASSICA OLERACEA VAR. CAPITATA:**
Cochlicella ventrosa (Mollusca)
Eupelax cuspidata (Homoptera)
Evergestis forficatus (Lepidoptera)
Helicella variabilis (Mollusca)
Mamestra brassicae (Lepidoptera)
Milax gagates (Mollusca)
Otala lactea (Mollusca)
Phytomyza rufipes (Diptera)
Pieris brassicae (Lepidoptera)
Udea ferrugalis (Lepidoptera)
- BRASSICA RAPA:**
Helicella undalis (Lepidoptera)
- BROMELIAD:**
Anechura rara (Dermaptera)
Arphnus melanotylus (Hemiptera)
Chrysomphalus personatus (Homoptera)
Conotelus mericanus (Coleoptera)
Cylindrocryptus tetralobus (?) (Coleoptera)
Drymaeus hegeuishi (Mollusca)
Galgupha punctifer (Hemiptera)
Iridomyrmex iniquus (Hymenoptera)
Limax marginatus (Mollusca)
Lygaeus pulchellus (Hemiptera)
Metamasius hemipterus hemipterus (Coleoptera)
Pallantia macula (Hemiptera)
Paracosmia tolteca (Dermaptera)
Sisamnes contractus (Hemiptera)

Hosts and Insects—Continued

BROMELIAD—Continued

Vinsonia stellifera (Homoptera)

BROUGHTONIA:

Vinsonia stellifera (Homoptera)

BUXUS:

Eriophyes canestrinii (Acarina)

CACTUS:

Ceratitidis capitata (Diptera)

Cryphula apicata (Hemiptera)

Lepidosaphes philococcus (Homoptera)

Pseudococcus neobrevipes (Homoptera)

CAESALPINIA:

Trogoderma granarium (Coleoptera)

CAJANUS:

Acanthoscelides armitagei (Coleoptera)

Ancylostomia stercorea (Lepidoptera)

Caryedon gonagra (Coleoptera)

Fundella pellucens (Lepidoptera)

Maruca testulalis (Lepidoptera)

Sphenarches caffer (Lepidoptera)

Trogoderma granarium (Coleoptera)

CALLUNA:

Frankliniella intonsa (Thysanoptera)

Gelechia ericetella (Lepidoptera)

Taeniothrips atratus (Thysanoptera)

T. ericae (Thysanoptera)

Thrips flavus (Thysanoptera)

T. major (Thysanoptera)

Utopa reticulata (Homoptera)

CALOCARPUM:

Anastrepha ludens (Diptera)

CALOPHYLLUM:

Ceratitidis capitata (Diptera)

Dacus dorsalis (Diptera)

CAMELLIA:

Amatissa consorta (Lepidoptera)

CANAVALLIA:

Cryptophlebia illepidia (Lepidoptera)

Lampides boeticus (Lepidoptera)

Maruca testulalis (Lepidoptera)

Taeniothrips hawaiiensis (Thysanoptera)

CAPSICUM:

Ceratitidis capitata (Diptera)

Dacus cucurbitae (Diptera)

D. dorsalis (Diptera)

Forficula decipiens (Dermaptera)

Frankliniella sulphurea (Thysanoptera)

Gnorimoschema gudanaella (Lepidoptera)

Ostrinia nubilalis (Lepidoptera)

Platynota rostrana (Lepidoptera)

Prodenia litura (Lepidoptera)

CARICA:

Ceratitidis capitata (Diptera)

Dacus dorsalis (Diptera)

CASSIA:

Aganactes indecora (Lepidoptera)

Caryedon gonagra (Coleoptera)

Ectomyelois ceratoniae (Lepidoptera)

Phelomerus aberrans (Coleoptera)

Sennius probus (?) (Coleoptera)

CASTANEA:

Bruchidius gibbus (Coleoptera)

Curculio elephas (Coleoptera)

Laspeyresia splendana (Lepidoptera)

CATTLEA:

Eurytoma orchidearum (Hymenoptera)

Vinsonia stellifera (Homoptera)

CEDRUS:

Minthea squamigera (Coleoptera)

CELOSIA:

Haplothrips gowdeyi (Thysanoptera)

CENTAUREA:

Taeniothrips atratus (Thysanoptera)

CERATONIA:

Ectomyelois ceratoniae (Lepidoptera)

CERATOZAMIA:

Melanaspis squamae (Homoptera)

CHAMAECYPARIS:

Brevipalpus obovatus (Acarina)

CHAMAEDOREA:

Aleuroplatus variegatus (Homoptera)

Asterolecanium epidendri (Homoptera)

Calypsocephala gerstaeckeri (Coleoptera)

Carystoides basocheii replana (Lepidoptera)

C. lebbacae (Lepidoptera)

Coelonertus nigrirostris (Coleoptera)

Labia arcuata (Dermaptera)

Parisoschoenus expositus (Coleoptera)

P. flavolimbatus (Coleoptera)

Rhinostomus barbirostris (Coleoptera)

CHRYSANthemum:

Bryobia ehari (Acarina)

Conotelus mexicanus (Coleoptera)

Frankliniella formosae (Thysanoptera)

F. schultzei (Thysanoptera)

Haplothrips gowdeyi (Thysanoptera)

Taeniothrips atratus (Thysanoptera)

Teleonomia proliza (Hemiptera)

Thrips angusticeps (Thysanoptera)

T. flavus (Thysanoptera)

T. nigropilosus (Thysanoptera)

T. pillichii (Thysanoptera)

CIBOTIUM:

Oryzichilus alliarius (Mollusca)

CICER:

Bruchus tristis (Coleoptera)

Trogoderma granarium (Coleoptera)

CICHORIUM:

Helicella variabilis (Mollusca)

Phytomyza rufipes (Diptera)

CINNAMOMUM:

Trogoderma granarium (Coleoptera)

CIRSium:

Tephritis comura (Diptera)

CITRUS AURANTIFOLIA:

Aleurocanthus woglumi (Homoptera)

Anastrepha ludens (Diptera)

Brevipalpus obovatus (Acarina)

Chrysomphalus albopictus (Homoptera)

C. personatus (Homoptera)

Morganella longispina (Homoptera)

Parlatoria cinerea (Homoptera)

Unaspis citri (Homoptera)

U. yanonenis (Homoptera)

CITRUS AURANTIUM:

Aleurocanthus woglumi (Homoptera)

Parlatoria citri (Homoptera)

P. zizyphus (Homoptera)

Unaspis yanonenis (Homoptera)

CITRUS GRANDIS:

Parlatoria cinerea (Homoptera)

CITRUS CHANGENSIS X C. RETICULATA

VAR. AUSTRA:

Unaspis yanonenis (Homoptera)

CITRUS LIMON:

Aspidiotus putearis (Homoptera)

Brevipalpus chilensis (Acarina)

Parlatoria cinerea (Homoptera)

P. zizyphus (Homoptera)

Unaspis citri (Homoptera)

U. yanonenis (Homoptera)

CITRUS MITIS:

Ceratitidis capitata (Diptera)

Parlatoria zizyphus (Homoptera)

CITRUS PARADISI:

Anastrepha ludens (Diptera)

Aonidiella citrina (Homoptera)

Ceratitidis capitata (Diptera)

Morganella longispina (Homoptera)

Parlatoria cinerea (Homoptera)

P. zizyphus (Homoptera)

Unaspis citri (Homoptera)

U. yanonenis (Homoptera)

CITRUS PARADISI X C. RETICULATA:

Parlatoria zizyphus (Homoptera)

Unaspis yanonenis (Homoptera)

CITRUS RETICULATA:

Anastrepha ludens (Diptera)

Aspidiotus diffinis (Homoptera)

Ceratitidis capitata (Diptera)

Parlatoria cinerea (Homoptera)

P. citri (Homoptera)

P. zizyphus (Homoptera)

Unaspis citri (Homoptera)

U. yanonenis (Homoptera)

CITRUS RETICULATA CV.:

Unaspis yanonenis (Homoptera)

CITRUS SINENSIS:

Aleurocanthus woglumi (Homoptera)

Anastrepha ludens (Diptera)

Aonidiella citrina (Homoptera)

Hosts and Insects—Continued

CITRUS SINENSIS—Continued

- Aspidiotus excisus* (Homoptera)
- Ceratitis capitata* (Diptera)
- Chrysomphalus personatus* (Homoptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Ectomyelois ceratoniae* (Lepidoptera)
- Parlatoria cinerea* (Homoptera)
- P. citri* (Homoptera)
- P. zizyphus* (Homoptera)
- Theba pisana* (Mollusca)
- Unaspis citri* (Homoptera)
- U. yanonensis* (Homoptera)

CITRUS SINENSIS VAR. SHAMUTI:

- Ceratitis capitata* (Diptera)

CITRUS SP.:

- Aleurocanthus woglumi* (Homoptera)
- Aleuroparadoxus gardeniae* (Homoptera)
- Aleurotuberculatus aucubae* (Homoptera)
- Dialeurodes citrifolii* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Pentamerismus oregonensis* (Acarina)
- Thrips angusticeps* (Thysanoptera)
- Trialeurodes similis* (Homoptera)
- T. vitrinellus* (Homoptera)
- Unaspis yanonensis* (Homoptera)

COCOLOBIA:

- Selenothrips rubrocinctus* (Thysanoptera)

COCOS:

- Aspidiotus destructor* (Homoptera)
- A. excisus* (Homoptera)
- Chrysomphalus albopictus* (Homoptera)
- C. personatus* (Homoptera)
- Diocalandra tailensis* (Coleoptera)
- Furcaspis oceanica* (Homoptera)
- Lepidosaphes esakii* (Homoptera)
- Pheidole megacephala* (Hymenoptera)
- Pseudococcus oceanicus* (Homoptera)
- P. palmarum* (Homoptera)
- Rhynchophorus palmarum* (Coleoptera)
- Selenothrips rubrocinctus* (Thysanoptera)

CODIAEUM:

- Achaea janata* (Lepidoptera)
- Lepidosaphes tokionis* (Homoptera)
- Selenothrips rubrocinctus* (Thysanoptera)

COFFEA:

- Aleurocanthus woglumi* (?) (Homoptera)
- Anastrepha fraterculus* (?) (Diptera)
- Ceratitis capitata* (Diptera)
- Coccus viridis* (Homoptera)
- Stephanoderes hampei* (Coleoptera)

COLA:

- Ceratitis colae* (?) (Diptera)

COLOCASIA:

- Bradybaena similaris* (Mollusca)

COLUBRINA:

- Amblycerus reticulatus* (Coleoptera)

CONVALLARIA:

- Thrips flavus* (Thysanoptera)

CORDYLINE:

- Bradybaena similaris* (Mollusca)
- Limax marginatus* (Mollusca)
- Pinnaspis buxi* (Homoptera)

CORIANDRUM:

- Trogoderma granarium* (Coleoptera)

CORYLUS:

- Curculio nucum* (Coleoptera)

CRASSULA:

- Cerodontha denticornis* (Diptera)

CRATAEGUS:

- Aleurotuberculatus aucubae* (Homoptera)
- Euproctis similis* (Lepidoptera)

CROCUS:

- Taeniothrips atratus* (Thysanoptera)

CUCUMIS:

- Dacus cucurbitae* (Diptera)
- Miogryllus conolatus* (Orthoptera)
- Naupectus xanthographus* (Coleoptera)
- Pheidole megacephala* (Hymenoptera)

CUCURBITA:

- Pseudococcus gahani* (Homoptera)

CUMINUM:

- Trogoderma granarium* (Coleoptera)

CYAMOPSIS:

- Trogoderma granarium* (Coleoptera)

CYCADACEAE:

- Eumaeus debora* (Lepidoptera)

CYCAS:

- Ceroplastes ceriferus* (Homoptera)

CYDONIA:

- Anastrepha ludens* (Diptera)
- Ceratitis capitata* (Diptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Ectomyelois ceratoniae* (Lepidoptera)

CYMBOPOGON:

- Opogona sacchari* (Lepidoptera)

CYNARA:

- Anuraphis cardui* (Homoptera)
- Depressaria erinaceella* (Lepidoptera)
- Gortyna flavago* (Lepidoptera)
- Hydroecia ranthenes* (Lepidoptera)
- Thrips angusticeps* (Thysanoptera)
- T. flavus* (Thysanoptera)

CYTISUS:

- Bruchidius villosus* (Coleoptera)

DAHLIA:

- Frankliniella intonsa* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Taeniothrips atratus* (Thysanoptera)
- Thrips flavus* (Thysanoptera)
- T. pillichi* (Thysanoptera)

DALBERGIA:

- Nasutitermes corniger* (Isoptera)

DAUCUS:

- Ceciloides acicula* (Mollusca)
- Phalonia zephyrana* (Lepidoptera)

DELPHINIUM:

- Conotelus mexicanus* (Coleoptera)

DENDROBIUM:

- Aleurodicus trinidadensis* (Homoptera)
- Orchidophilus aterrimus* (Coleoptera)
- Pheidole megacephala* (Hymenoptera)

DESMODIUM:

- Bruchidius caeruleus* (Coleoptera)

DIANTHUS:

- Aphidura pujoli* (Homoptera)
- Cacoecimorpha pronubana* (Lepidoptera)
- Frankliniella formosae* (Thysanoptera)
- F. intonsa* (Thysanoptera)
- Haplothrips collei* (Thysanoptera)
- H. gowdeyi* (Thysanoptera)
- Platynota rostrana* (Lepidoptera)
- Sitona lineata* (Coleoptera)
- Taeniothrips atratus* (Thysanoptera)
- T. dianthi* (Thysanoptera)
- T. picipes* (Thysanoptera)
- Tetranychus cinnabarinus* (Acarina)
- Thrips flavus* (Thysanoptera)
- T. major* (Thysanoptera)

DIOON:

- Peticulitermes flavipes* (Isoptera)

DIOSCOREA:

- Palaeopus costicollis* (Coleoptera)
- "*Targionia*" *hartii* (Homoptera)

DIOSPYROS:

- Brevipalpus oboratus* (Acarina)
- Ceratitis capitata* (Diptera)
- Lepidosaphes conchiformis* (Homoptera)

DOLICHOS:

- Sphenarches caffer* (Lepidoptera)

ECHINODORUS:

- Aleurodicus iridescens* (Homoptera)

ENCEPHALARTOS:

- Antliarhinus zamiae* (Coleoptera)

ENTADA:

- Araecerus cumingi* (Coleoptera)

ENTEROLOBIUM:

- Stator limbatus* (Coleoptera)

EPIDENDRUM:

- Nasutitermes ephratae* (Isoptera)
- Orchidophilus aterrimus* (Coleoptera)
- Vinsonia stellifera* (Homoptera)

ERIOBOTRYA:

- Ectomyelois ceratoniae* (Lepidoptera)

EUGENIA:

- Ceratitis capitata* (Diptera)
- Dacus dorsalis* (Diptera)
- Vinsonia stellifera* (Homoptera)

Hosts and Insects—Continued

- EUPHORBIA:**
Aspidiotus capensis (tentative) (Homoptera)
- EUPHORIA:**
Cryptophlebia ombrodelta (Lepidoptera)
- FICUS:**
Ceratitis capitata (Diptera)
Ectomyelois ceratoniae (Lepidoptera)
- FOENICULUM:**
Trogoderma granarium (Coleoptera)
- FORTUNELLA:**
Parlatoria zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)
- FRAGARIA:**
Frankliniella intonsa (Thysanoptera)
Tetranychus cinnabarinus (Acarina)
Thrips flavus (Thysanoptera)
- FREESIA:**
Sitona lineata (Coleoptera)
- GARDENIA:**
Aleuroparadoxus gardeniae (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Eucalymnatus tessellatus (Homoptera)
Protopulvinaria pyriformis (Homoptera)
Pseudoonidia claviger (Homoptera)
Pulvinaria psidii (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- GENTIANA:**
Stenoptilia stigmatodactyla (Lepidoptera)
Thrips major (Thysanoptera)
- GERBERA:**
Taeniothrips discolor (Thysanoptera)
- GLADIOLUS:**
Conotelus mexicanus (Coleoptera)
Frankliniella intonsa (Thysanoptera)
F. tenuicornis (Thysanoptera)
Opogona sacchari (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Rhopalosiphoninus tulipae (Homoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
- GLYCINE:**
Trogoderma granarium (Coleoptera)
- GLYCYRRHIZA:**
Lycus africanus (Coleoptera)
- GOSSYPIUM:**
Ectomyelois ceratoniae (Lepidoptera)
Mesoclinia peruella (Lepidoptera)
Oxycaenus hyalinipennis (Hemiptera)
Pectinophora gossypiella (Lepidoptera)
Suidasia medianensis (Acarina)
- GYMNOSTACHYUM:**
Coccus viridis (Homoptera)
- HEDERA:**
Ceroplastes rubens (Homoptera)
- HEDYCHUM:**
Pentalonia nigronervosa (Homoptera)
- HEDYSARUM:**
Bruchidius gibbus (Coleoptera)
- HIBISCUS:**
Acrosternum heegeri (Hemiptera)
Pectinophora gossypiella (Lepidoptera)
- HOLMSKOLDIA:**
Orchidophilus aterrimus (Coleoptera)
- HYACINTHUS:**
Thrips imaginis (Thysanoptera)
- IPOMOEA:**
Cylas formicarius var. (Coleoptera)
C. formicarius elegantulus (Coleoptera)
C. formicarius formicarius (Coleoptera)
C. puncticollis (Coleoptera)
Eusecepes postfasciatus (Coleoptera)
Pheidole megacephala (Hymenoptera)
- IXORA:**
Chaetanaphothrips orchidii (Thysanoptera)
Pheidole megacephala (Hymenoptera)
- JASMINUM:**
Aleurotuberculus jasmini (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
- JUGLANS:**
Ceratitis capitata (?) (Diptera)
Ectomyelois ceratoniae (Lepidoptera)
- JUNIPERUS:**
Oligonychus perditus (Acarina)
Pentamerismus oregonensis (Acarina)
- KHAYA:**
Cordylomeria spinicornis (?) (Coleoptera)
- LABURNUM:**
Bruchidius debilis (Coleoptera)
B. villosus (Coleoptera)
- LACTUCA:**
Arianta arbustorum (Mollusca)
Cochlicella ventrosa (Mollusca)
Dactynotus sonchi (Homoptera)
Geomyza tripunctata (Diptera)
Helicella variabilis (Mollusca)
Helix aspersa (Mollusca)
Limax marginatus (Mollusca)
Limothrips denticornis (Thysanoptera)
Mamestra brassicae (Lepidoptera)
Milax gagates (Mollusca)
Theba pisana (Mollusca)
Thrips angusticeps (Thysanoptera)
Udea ferrugalis (Lepidoptera)
- LANSIUM:**
Pseudococcus lilacinus (Homoptera)
- LATHYRUS:**
Bruchus emarginatus (Coleoptera)
B. signaticornis (Coleoptera)
B. tristiculus (Coleoptera)
B. tristis (Coleoptera)
B. viciae (Coleoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
- LENS:**
Bruchidius incarnatus (Coleoptera)
B. meleagrinus (Coleoptera)
Bruchus ervi (Coleoptera)
B. lentis (Coleoptera)
B. signaticornis (Coleoptera)
B. ulicis (Coleoptera)
- LEPTOTES:**
Pheidole megacephala (Hymenoptera)
- LEUCAENA:**
Araecerus levigennus (Coleoptera)
Orydema fusiforme (Coleoptera)
Stator limbatus (Coleoptera)
- LILIUM:**
Orchidophilus aterrimus (Coleoptera)
Otala vermiculata (Mollusca)
Theba pisana (Mollusca)
- LITCHI:**
Cryptophlebia ombrodelta (Lepidoptera)
- LUPINUS:**
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
- LYCASTE:**
Vinsonia stellifera (Homoptera)
- LYCOPERSICON:**
Ceratitis capitata (?) (Diptera)
Neoleucinodes elegantalis (Lepidoptera)
Udea ferrugalis (Lepidoptera)
- LYCOPODIUM:**
Sybra alternans (Coleoptera)
- LYCORIS:**
Taeniothrips eucharis (Thysanoptera)
- MACADAMIA:**
Cryptophlebia illepidia (Lepidoptera)
C. ombrodelta (Lepidoptera)
- MALUS:**
Anastrepha ludens (Diptera)
Austrotortrix postvittana (?) (Lepidoptera)
Blastodacna atra (Lepidoptera)
Carposina niponensis (Lepidoptera)
Cenopalpus pulcher (Acarina)
Ceratitis capitata (Diptera)
Lepidosaphes tubulorum (Homoptera)
Ostrinia nubilalis (Lepidoptera)
Tetranychus viennensis (Acarina)
Tortrix excessana (Lepidoptera)
- MAMMEA:**
Anastrepha ludens (Diptera)
- MANGIFERA:**
Anastrepha ludens (Diptera)
A. mombinpraeoptans (Diptera)
Aulacaspis tubercularis (Homoptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Dacus dorsalis (Diptera)
Pheidole megacephala (Hymenoptera)
Pseudischnaspis longissima (Homoptera)

Hosts and Insects—Continued

MANGIFERA—Continued

Sternochelus mangiferae (Coleoptera)

MATTHIOLA:

Thrips angusticeps (Thysanoptera)

MAXILLARIA:

Asterolecanium epidendri (Homoptera)

Vinsonia stellifera (Homoptera)

MEDICAGO:

Conotelus mexicanus (Coleoptera)

Spanogonicus albofasciatus (Hemiptera)

MENTHA:

Ovatus crataegarius (Homoptera)

Udea ferrugalis (Lepidoptera)

MESEMBRYANTHEMUM:

Haplothrips clarisetis (?) (Thysanoptera)

METROSIDEROS:

Ceroplastes rubens (Homoptera)

MIRABILIS:

Cochlicella barbara (Mollusca)

Helicella candidula (Mollusca)

H. elegans (Mollusca)

H. trochoides (Mollusca)

Helix aspersa (Mollusca)

Subulina octona (Mollusca)

Theba pisana (Mollusca)

MOMORDICA:

Dacus cucurbitae (Diptera)

MUSA:

Aspidiotus destructor (Homoptera)

Cosmopolites sordidus (Coleoptera)

Metamasius hemipterus hemipterus (Coleoptera)

M. hemipterus sericeus (Coleoptera)

Platoceticus symmicta (Lepidoptera)

Polytus mellerborgii (Coleoptera)

Porphyrobaphe iostoma (Mollusca)

Prepiella aurea (Lepidoptera)

Pseudococcus gahani (Homoptera)

Solaropsis monile (Mollusca)

MUSCARI:

Helicella variabilis (Mollusca)

MYRISTICA:

Trogoderma granarium (Coleoptera)

NARCISSUS:

Merodon equestris (Diptera)

Steneotarsonemus laticeps (Acarina)

Taeniothrips eucharis (Thysanoptera)

NEOREGELIA:

Aspidiotus palmarum (Homoptera)

NOTHOPANAX:

Parthenothrips dracaenae (Thysanoptera)

NOTYLIA:

Vinsonia stellifera (Homoptera)

OLEA:

Aleurolobus olivinus (Homoptera)

Dacus oleae (Diptera)

Prays oleellus (Lepidoptera)

ONCIDIUM:

Vinsonia stellifera (Homoptera)

OPERCULINA:

Graptostethus manillensis (Hemiptera)

Xiphidopsis lita (Orthoptera)

OPUNTIA:

Ceratitis capitata (Diptera)

Sterrha inquinata (Lepidoptera)

ORCHID:

Adoretus sinicus (Coleoptera)

Anthonomus abolineatus (Coleoptera)

Arphnus melanotylus (Hemiptera)

Aspidiotus palmarum (Homoptera)

Bradybaena similaris (Mollusca)

Chaetanaphothrips orchidii (Thysanoptera)

Chrysomphalus albopictus (Homoptera)

C. odontoglossus (Homoptera)

Coccus viridis (Homoptera)

Diaphania quadrastigmatis (Lepidoptera)

Dorymyrmellus laevis (Coleoptera)

Eriopyga fea (Lepidoptera)

Fulvius anthocorides (Hemiptera)

Helicina neritella (Mollusca)

Helix aspersa (Mollusca)

Iridomyrmex iniquus (Hymenoptera)

Lamellaxis micra (Mollusca)

Lepidosaphes tuberculata (Homoptera)

Limax marginatus (Mollusca)

Lygaeus pulchellus (Hemiptera)

Milax gagates (Mollusca)

Myrmecophila americana (Orthoptera)

Nasutitermes ephratae (Isoptera)

N. nigriceps (Isoptera)

N. rippertii (Isoptera)

Orchidophilus aterrimus (Coleoptera)

Paracosmia tolteca (Dermaptera)

Pheidole megacephala (Hymenoptera)

Phelypera distigma (Coleoptera)

Pseudischnaspis alienus (Homoptera)

P. boureyi (?) (Homoptera)

Pseudoparlatoria serrulata (Homoptera)

Subulina octona (Mollusca)

Tenthecoris exitiosus (Hemiptera)

Trochuda raspa (?) (Lepidoptera)

Ulopa hovana (Homoptera)

Ulopa dissimilis (Hemiptera)

Vinsonia stellifera (Homoptera)

ORNITHOGALUM:

Aponeura lentisci (Homoptera)

Haplothrips aculeatus (Thysanoptera)

Taeniothrips atratus (Thysanoptera)

ORYZA:

Chilo suppressalis (Lepidoptera)

Ostrinia nubilalis (Lepidoptera)

Trogoderma granarium (Coleoptera)

PALM:

Aonidiella inornata (Homoptera)

Aspidiotus palmarum (Homoptera)

Chrysomphalus odontoglossus (Homoptera)

Dinoderus borneanus (?) (Coleoptera)

Vinsonia stellifera (Homoptera)

PELEA:

Prays bulbocanellus (Lepidoptera)

PERSEA:

Aspidiotus diffinis (Homoptera)

Chrysomphalus albopictus (Homoptera)

Conotrachelus aquacatae (Coleoptera)

C. perseae (Coleoptera)

Dacus dorsalis (Diptera)

Pheidole megacephala (Hymenoptera)

Pseudocysta perseae (Hemiptera)

Stenomoma catenifer (Lepidoptera)

PETROSELINUM:

Euleia heraclei (?) (Diptera)

Haplothrips clarisetis (?) (Thysanoptera)

Thrips pillichi (Thysanoptera)

Udea ferrugalis (Lepidoptera)

PHAIUS:

Bradybaena similis (Mollusca)

PHALAENOPSIS:

Chrysomphalus tingi (Homoptera)

PHASEOLUS:

Acanthoscelides armitagei (Coleoptera)

Ancylostoma stercora (Lepidoptera)

Caryedon gonagra (Coleoptera)

Cryptophlebia ombrodella (Lepidoptera)

Epinotia aporema (Lepidoptera)

Etes comyntas (Lepidoptera)

Fundella pellucens (Lepidoptera)

Lampides boeticus (Lepidoptera)

Maruca testulalis (Lepidoptera)

Matsumuraes phaseoli (Lepidoptera)

Trogoderma granarium (Coleoptera)

PHILODENDRON:

Chrysomphalus umboniferus (Homoptera)

Prodecatoma philodendri (Hymenoptera)

PHLOX:

Taeniothrips atratus (Thysanoptera)

PHOENIX:

Ceratitis capitata (Diptera)

PHRAGMITES:

Dinoderus bifoveolatus (Coleoptera)

Giraudiella inclusa (Diptera)

Minthea rugicollis (Coleoptera)

PICEA:

Flemellia abietina (Diptera)

PINUS:

Dichrocrocis punctiferalis (Lepidoptera)

Forficula pubescens (Dermaptera)

Ips calligraphus (Coleoptera)

Lepidosaphes pini (Homoptera)

PIPER:

Opeas pumilum (Mollusca)

Hosts and Insects—Continued

PISTACIA:

- Ceratitis capitata* (Diptera)
- Megastigmus pistaciae* (Hymenoptera)
- Schneideria pistaciella* (Lepidoptera)
- Trogoderma granarium* (Coleoptera)

PISUM:

- Ancylostoma stercora* (Lepidoptera)
- Bruchidius unicolor* (?) (Coleoptera)
- Bruchus rufipes* (Coleoptera)
- B. tristiculus* (Coleoptera)
- B. tristis* (Coleoptera)
- Callosobruchus analis* (Coleoptera)
- Lampides boeticus* (Lepidoptera)
- Laspeyresia nigricana* (Lepidoptera)
- Trogoderma granarium* (Coleoptera)

PITHECELLOBIUM:

- Stator limbatus* (Coleoptera)

PITTIOSPORUM:

- Holotricha japonica* (Orthoptera)

PLANTAGO:

- Trogoderma granarium* (Coleoptera)

PLATYCERIUM:

- Opaea pyrgula* (Mollusca)

PLUCHEA:

- Aceria pluchae* (Acarina)
- Suidasia medanensis* (Acarina)

PLUMERIA:

- Aspidiotus herculeanus* (Homoptera)
- Caryedon gonagra* (Coleoptera)
- Pheidole megacephala* (Hymenoptera)
- Sybra alternans* (Coleoptera)

POINCIANA:

- Cryptophlebia ombrodelta* (Lepidoptera)

PORTULACA:

- Loxostege bifidalis* (Lepidoptera)

PROSOPIS:

- Taeniothrips picipes* (Thysanoptera)

PROTEA:

- Haplothrips govdeyi* (Thysanoptera)
- Pseudothrips glaucus* (Thysanoptera)
- Theba pisana* (Mollusca)

PRUNUS AMYGDALUS:

- Ectomyelois ceratoniae* (Lepidoptera)
- Eurytoma amygdali* (Hymenoptera)
- Monosteira unicastata* (Hemiptera)

PRUNUS ARMENIACA:

- Ceratitis capitata* (Diptera)

PRUNUS AVIUM:

- Rhagoletis cerasi* (Diptera)

PRUNUS CERASUS:

- Rhagoletis cerasi* (Diptera)

PRUNUS DOMESTICA:

- Austrortrix postvittana* (?) (Lepidoptera)
- Ceratitis capitata* (Diptera)

PRUNUS PERSICA:

- Anastrepha ludens* (Diptera)
- Ceratitis capitata* (Diptera)
- Ostrinia nubilalis* (Lepidoptera)

PRUNUS PERSICA VAR. NECTARINA:

- Ceratitis capitata* (Diptera)

PRUNUS SEROTINA:

- Anthonomus rectirostris* (Coleoptera)

PRUNUS SP. (cherry):

- Rhagoletis cerasi* (Diptera)

PSIDIUM:

- Anastrepha mombinpraeoptans* (Diptera)
- A. striata* (Diptera)
- A. suspensa* (Diptera)
- Ceratitis capitata* (Diptera)
- Dacus dorsalis* (Diptera)

PUNICA:

- Anastrepha ludens* (Diptera)
- Ceratitis capitata* (Diptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Ectomyelois ceratoniae* (Lepidoptera)
- Orycaenus hyalinipennis* (Hemiptera)

PYRACANTHA:

- Aleurotuberculatus aucubae* (Homoptera)

PYRUS:

- Anastrepha ludens* (Diptera)
- Ceratitis capitata* (Diptera)
- Ectomyelois ceratoniae* (Lepidoptera)
- Trogoderma granarium* (Coleoptera)

QUERCUS:

- Helicella caperata* (Mollusca)

H. variabilis (Mollusca)*Laspeyresia splendana* (Lepidoptera)*Neuroterus tricolor* (Hymenoptera)*Theba pisapa* (Mollusca)

QUISQUALIS:

- Pseudococcus lilacinus* (Homoptera)

RAPHANUS:

- Phytomyza rufipes* (Diptera)

RHODODENDRON:

- Dialeurodes chittendeni* (Homoptera)
- Gracilaria azaleella* (Lepidoptera)
- Psallus azaleae* (Homoptera)
- Rhopalosiphum rufiabdominalis* (?) (Homoptera)
- Sitona lineata* (Coleoptera)

RHYNCHOSIA:

- Trogorylon aequale* (Coleoptera)

RIBES:

- Asterobemisia carpini* (Homoptera)

ROSA:

- Aleurocanthus woglumi* (Homoptera)
- Anuraphis cardui* (Homoptera)
- Ardis sulcata* (Hymenoptera)
- Arge ochropus* (Hymenoptera)
- Blennocampa pusilla* (Hymenoptera)
- Cacoecimorpha pronubana* (Lepidoptera)
- Cladius isomerus* (Hymenoptera)
- C. pectinicornis* (Hymenoptera)
- Endelomyia aethiops* (Hymenoptera)
- Frankliniella formosae* (Thysanoptera)
- F. intonsa* (Thysanoptera)
- F. schultzei* (Thysanoptera)
- Jadera pyrrholoma* (Hemiptera)
- Macrosiphum ibarac* (?) (Homoptera)
- Rhagoletis alternata* (?) (Diptera)
- Taeniothrips atratus* (Thysanoptera)
- T. ericae* (Thysanoptera)
- Thrips flavus* (Thysanoptera)
- T. imuginis* (Thysanoptera)
- T. ma'or* (Thysanoptera)

ROSACEAE:

- Liocoris tripustulatus* (Hemiptera)

ROSMARINUS:

- Thrips angusticeps* (Thysanoptera)

RUBUS:

- Asterobemisia carpini* (Homoptera)

- Ceratitis rubivora* (Diptera)

SACCHARUM:

- Chilo loftini* (Lepidoptera)
- Dysdercus minimus* (Hemiptera)
- Opogona sacchari* (Lepidoptera)
- Reticulitermes flavipes* (Isoptera)
- Zealandia lineolata* (Lepidoptera)

SALIX:

- Micrapate labialis* (Coleoptera)

SALVIA:

- Liodontomerus papaveris* (Hymenoptera)

SAMANEA:

- Figulus foveicollis* (Coleoptera)
- Incisitermes repandus* (Isoptera)
- Sinozylon conigerum* (Coleoptera)
- Stator limbatus* (Coleoptera)
- Xylopsocus castanoptera* (Coleoptera)

SCABIOSA:

- Sitona hispidula* (Coleoptera)

SCHIZOLOBIUM:

- Treherniella tibouchinae* (Thysanoptera)

SCHOMBURGKIA:

- Nasutitermes corniger* (Isoptera)

SESBANIA:

- Lampides boeticus* (Lepidoptera)
- Muruca testulalis* (Lepidoptera)

SOIL:

- Cecilioides acicula* (Mollusca)
- Geotomus pygmaeus* (Hemiptera)
- Helicella pyramidata* (Mollusca)
- Homoeogrillus japonicus* (Orthoptera)
- Monacha olivieri* (Mollusca)
- Myzus ascalonicus* (?) (Homoptera)
- Opogona sacchari* (Lepidoptera)
- Oryctolus alliarius* (Mollusca)
- Retinella hammonis* (Mollusca)
- Taeniothrips atratus* (Thysanoptera)
- Thrips angusticeps* (Thysanoptera)
- Trichia hispida* (Mollusca)

Hosts and Insects—Continued

SOLANUM MELONGENA:

Hyletia euphemia (Lepidoptera)
Leucinodes orbonalis (Lepidoptera)

SOLANUM TUBEROSUM:

Gnorimoschema plaesiosema (Lepidoptera)
Premnotrypes latithorax (Coleoptera)
Taeniothrips ericae (Thysanoptera)

SORGHUM:

Sesamia cretica (Lepidoptera)

SPARTIUM:

Bruchidius unicolor (Coleoptera)

SPATHOGLOTTIS:

Brevipalpus obovatus (Acarina)

SPONDIAS:

Anastrepha mombinpraeoptans (Diptera)
Chrysomphalus calurus (Homoptera)

STANHOPEA:

Vinsonia stellifera (Homoptera)

STAPHYLEA:

Diaprepes abbreviatus (Coleoptera)

STERCULIA:

Orydema fusiforme (Coleoptera)
Trogoderma granarium (Coleoptera)

SWIETENIA:

Geotomus pygmaeus (Hemiptera)
Lyctus africanus (Coleoptera)
Sinozylon anale (Coleoptera)

SYRINGA:

Adozophyes reticulana (Lepidoptera)

TAMARINDUS:

Caryedon gonagra (Coleoptera)
Phelomerus aberrans (Coleoptera)
Trogoderma granarium (Coleoptera)

TERMINALIA:

Anastrepha mombinpraeoptans (Diptera)
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
Trogoderma granarium (Coleoptera)

TILLANDSIA:

Reticulitermes tibialis (Isoptera)

TILIA:

Chionaspis salicis (Homoptera)

TRITICUM:

Bruchidius gilvus (Coleoptera)
Haplothrips aculeatus (Thysanoptera)
H. tritici (Thysanoptera)

TULIPA:

Merodon equestris (Diptera)

VANDA:

Araecerus levipennis (Coleoptera)
Bradybaena similaris (Mollusca)
Conoderus eszuli (Coleoptera)
Conotelus mexicanus (Coleoptera)
Eurytoma orchidearum (Hymenoptera)
Genaparlatoria pseudaspidiotus (Homoptera)
Graptostethus manillensis (Hemiptera)
Orchidophilus aterrimus (Coleoptera)
Orydema longulum (Coleoptera)
Perkinsiella saccharicida (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Xiphidiopsis lita (Orthoptera)

VICIA:

Bruchus azoricus (Coleoptera)
B. dentipes (Coleoptera)
B. lentis (Coleoptera)
B. rufipes (Coleoptera)
B. rufipes luteicornis (Coleoptera)
B. signaticornis (Coleoptera)
B. tristichus (Coleoptera)
B. tristis (Coleoptera)
Trogoderma granarium (Coleoptera)

VIGNA:

Fundella pellucens (Lepidoptera)

VIOLA:

Arianta arbutorum (Mollusca)

VITIS:

Clysiiana ambiguella (Lepidoptera)
Lobesia botrana (Lepidoptera)
Phlyctinus callosus (Coleoptera)
Scantius forsteri (Hemiptera)

YUCCA:

Erythrothrips durango (Thysanoptera)
Phera centrolineata (Homoptera)

ZEA:

Diaprepes farinosus (Coleoptera)
Ostrinia nubilalis (Lepidoptera)
Sesamia cretica (Lepidoptera)
Zea diatraea lineolata (Lepidoptera)

ZINGIBER:

Mimegralla coeruleifrons (Diptera)
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)
Pulvinaria psidii (Homoptera)
 "Targionia" hartii (Homoptera)

ZINNIA:

Frankliniella sulphurea (Thysanoptera)
Thrips flavus (Thysanoptera)

ZIZYPHUS:

Ceratitis capitata (Diptera)

Hosts Unknown

AIRPLANE:

Achaea janata (Lepidoptera)
Acheta hispanicus (Orthoptera)
Adoretus sinicus (Coleoptera)
Aeneolamia reducta (Homoptera)
Aethus indicus (Hemiptera)
Agriphila latistria (Lepidoptera)
Altovaxis spinosus (Coleoptera)
Anastrepha mombinpraeoptans (Diptera)
Araecerus levipennis (Coleoptera)
Betulaphis quadrutuberculatus (Homoptera)
Chalciope hyppasia (Lepidoptera)
Choranthus villius (Lepidoptera)
Cyclocephala discicollis (Coleoptera)
Cylas formicarius (Coleoptera)
Deltoccephalus maculatus (Homoptera)
Diabrotica speciosa (Coleoptera)
Diaprepes abbreviatus (Coleoptera)
Diataraxia oleracea (Lepidoptera)
Dysdercus andreae (Hemiptera)
Empoasca kraemeri (Homoptera)
Ericia inangulata (Lepidoptera)
Eutheola humilis (Coleoptera)
Euxesta eluta (Diptera)
Geniatus panamensis (Coleoptera)
Geocoris thoracicus (Hemiptera)
Gryllus bimaculatus (Orthoptera)
Helicella martima (Mollusca)
Hymenia perspectalis (Lepidoptera)
Hypomeces squamosus (Coleoptera)

Liogenys macropelma (Coleoptera)
L. quadridens (Coleoptera)
Lygacus equestris (Hemiptera)
L. pandurus (Hemiptera)
Marasmia poealis (Lepidoptera)
Meridyras progenies (Lepidoptera)
Mniotripa lichenigera (Lepidoptera)
Mumetopia nigrimana (Diptera)
Oryambulyx substriatus (Lepidoptera)
Oryctopus vittata (Coleoptera)
Parnara guttata (Lepidoptera)
Pentalonia nigronervosa (Homoptera)
Polydesma umbricola (Lepidoptera)
Prodenia litura (Lepidoptera)
Sogata orizicola (Homoptera)
Sphingonotus rubescens (Orthoptera)
Spodoptera mauritia acronyctoides (Lepidoptera)
S. pecten (Lepidoptera)
Stator limbatus (Coleoptera)
Sylepta balteata (Lepidoptera)
Syngamia florella (Lepidoptera)
Teleogryllus mitratus (Orthoptera)
Theba pisana (Mollusca)
Tipula scripta (Diptera)
Utethesia pulchella (Lepidoptera)
Zea diatraea lineolata (Lepidoptera)

AQUATIC PLANT:

Pentalonia nigronervosa (Homoptera)

Hosts Unknown—Continued

AUTOMOBILE:

Aellopos tantalus (Lepidoptera)
Cochlicella barbara (Mollusca)
C. ventrosa (Mollusca)
Helicella variabilis (Mollusca)
Theba pisana (Mollusca)
Trogorylon aequalis (Coleoptera)

BAGGAGE:

Adoretus sinicus (Coleoptera)
Alloxaxis spinosus (Coleoptera)
Arianta arbustorum (Mollusca)
Bruchus ervi (Coleoptera)
B. rufipes (Coleoptera)
Caryedon gonagra (Coleoptera)
Ceratitis capitata (Diptera)
Cyaneoterpsichorella (Lepidoptera)
Dacus dorsalis (Diptera)
D. oleae (Diptera)
Diocalandra taitensis (Coleoptera)
Gryllus bimaculatus (Orthoptera)
Helix aperta (Mollusca)
H. pomatia (Mollusca)
Laspeyresia splendana (Lepidoptera)
Maruca testulalis (Lepidoptera)
Modocoryllus conspersus (Orthoptera)
Nysius coenosulus (Hemiptera)
Orchidophilus aterrimus (Coleoptera)
Otala vermiculata (Mollusca)
Otosema odorata (Lepidoptera)
Parastichtis monolypha (Lepidoptera)
Sesamia nonagriodes (Lepidoptera)
Sinoxylon conigerum (Coleoptera)
Sybra alternans (Coleoptera)

BAGGING:

Cylas formicarius elegantulus (Coleoptera)
Trogoderma granarium (Coleoptera)

BALLAST:

Caryedon gonagra (Coleoptera)
Trogoderma granarium (Coleoptera)

CARGO:

Acrida sulphuripennis (Orthoptera)
Cylas formicarius elegantulus (Coleoptera)
Draeculacephala clypeata (Homoptera)
Gastrimargus brevipennis (Orthoptera)
Gryllotalpa africana (Orthoptera)
Helix aspersa (Mollusca)
Heterotermes convernotatus (Isoptera)
Homorocoryphus nitidulus (Orthoptera)
Lyctus africanus (Coleoptera)
Megalogyllus molinai (Orthoptera)
Metamasius hemipterus sericeus (Coleoptera)
Morphacris fasciata (Orthoptera)
Nephotettix apicalis (Homoptera)
Orchidophilus aterrimus (Coleoptera)
Otala lactea (Mollusca)
Prodenia litura (Lepidoptera)
Sinoxylon anale (Coleoptera)
Trogoderma granarium (Coleoptera)

CLOTHING:

Pheidole megacephala (Hymenoptera)
Pyropotosia pryri (Coleoptera)
Reticulitermes flavipes (Isoptera)

CONIFER:

Hyllobius abietis (Coleoptera)

CRATE:

Theba pisana (Mollusca)

CUTTING:

Cenopalpus pulcher (Acarina)
Euphyllura olivina (Homoptera)

DEBRIS:

Dictyla nassata (Hemiptera)
Syntomis cyssae (Lepidoptera)
Trogoderma granarium (Coleoptera)
Xanthochroina bicolor (Coleoptera)

DUNNAGE:

Callidium rufipenne (Coleoptera)
Sitona hispidula (Coleoptera)

EXCELSIOR:

Lema bilineata (Coleoptera)

FLOUR:

Sitona lineata (Coleoptera)

FLOWERS:

Adoretus sinicus (Coleoptera)
Bradybaena similis (Mollusca)
Diaprepes abbreviatus (Coleoptera)
D. abbreviatus var. (Coleoptera)

Frankliniella formosae (Thysanoptera)

F. intonsa (Thysanoptera)

Haplothrips gowdeyi (Thysanoptera)

Orchidophilus aterrimus (Coleoptera)

Pheidole megacephala (Hymenoptera)

Siphanta acuta (Homoptera)

Spanioneura fonscolombei (Homoptera)

Taeniorhrips atratus (Thysanoptera)

Theba pisana (Mollusca)

Thrips angusticeps (Thysanoptera)

T. flavus (Thysanoptera)

T. major (Thysanoptera)

T. pillichi (Thysanoptera)

FOOD:

Phaeocatantops decoratus (Orthoptera)

Tylotropidius gracilipes (Orthoptera)

FRUIT—UNIDENTIFIED:

Anastrepha mombinpraetans (Diptera)

Ceratitis capitata (Diptera)

GRAIN:

Trogoderma granarium (Coleoptera)

GUM ZEDOU:

Trogoderma granarium (Coleoptera)

HERB:

Haplothrips gowdeyi (Thysanoptera)

Helicella maritima (Mollusca)

Pheidole megacephala (Hymenoptera)

LEAF—UNIDENTIFIED:

Achaea janata (Lepidoptera)

Aleurotrachelus jelenkii (Homoptera)

Aspidiotus destructor (Homoptera)

Asterobemisia carpinii (Homoptera)

Crenidorsum stigma phylli (Homoptera)

Vinsonia stellifera (Homoptera)

LEGUME:

Bruchus rufipes (Coleoptera)

B. tristiculus (Coleoptera)

Phelomerus aberrans (Coleoptera)

MAIL:

Adoretus sinicus (Coleoptera)

Ancylostoma stercora (Lepidoptera)

Coptotermes formosanus (Isoptera)

Euscepes postfasciatus (Coleoptera)

Helix aspersa (Mollusca)

Pholidoforus advena (Coleoptera)

Polydesma umbricola (Lepidoptera)

Teleogryllus mitratus (Orthoptera)

MILITARY CARGO:

Achatina fulica (Mollusca)

Bradybaena similis (Mollusca)

Cochlicella barbara (Mollusca)

C. ventrosa (Mollusca)

Helicella caperata (Mollusca)

H. conspurcata (Mollusca)

H. cretica (Mollusca)

H. derbentina (Mollusca)

H. italica (Mollusca)

H. littoralis (?) (Mollusca)

H. maritima (Mollusca)

H. protea (Mollusca)

H. pyramidata (Mollusca)

H. variabilis (Mollusca)

Helicina connera (Mollusca)

Helix aperta (Mollusca)

H. aspersa (Mollusca)

H. figulina (Mollusca)

Macroglossum stellatarum (Lepidoptera)

Monacha cantiana (Mollusca)

M. carthusiana (Mollusca)

M. olivieri (Mollusca)

Nasutitermes rippertii (Isoptera)

Otala vermiculata (Mollusca)

Pieris brassicae (Lepidoptera)

Rumina decollata (Mollusca)

Theba pisana (Mollusca)

NURSERY STOCK:

Ceutorhynchus erysimi (Coleoptera)

Haplothrips aculeatus (Thysanoptera)

Sitona hispidula (Coleoptera)

Taeniorhrips atratus (Thysanoptera)

Thrips flavus (Thysanoptera)

PACKING MATERIAL:

Trigonophora meticulosa (Lepidoptera)

PAPER:

▲ *Cryptotermes brevis* (Isoptera)

Hosts Unknown—Continued

PLANT—UNIDENTIFIED:

Ceroplastes rubens (Homoptera)
Miccotrogus picirostris (Coleoptera)

PLANT MATERIAL:

Dialeurodes kirkaldyi (Homoptera)
Lygus lineolaris (Hemiptera)
Megaris laevicollis (Hemiptera)
Melormenis antillarum (Homoptera)
Minthea rugicollis (Coleoptera)
Mormidea v-luteum (Hemiptera)
Stator limbatus (Coleoptera)
Theba pisana (Mollusca)

QUARTERS:

Cylas formicarius elegantulus (Coleoptera)
Mamestra brassicae (Lepidoptera)
Melolontha melolontha (Coleoptera)
Rhynchophorus palmarum (Coleoptera)
Sitona hispidula (Coleoptera)
Trogoderma granarium (Coleoptera)

RAILWAY CAR:

Dysdercus obliquus (Hemiptera)

RESIDUE:

Helicella pyramidata (Mollusca)

SEED—UNIDENTIFIED:

Araecerus levipennis (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)
Mimosestes dominicanus (Coleoptera)
Stator pruininus (Coleoptera)

STORES:

Acrolepia assectella (Lepidoptera)
Bruchus rufipes (Coleoptera)
Caryedon gonagra (Coleoptera)
Epinotia aporema (Lepidoptera)
Gnorimoschema ocellatella (Lepidoptera)
Helicella arizonis (Mollusca)

H. virgata (Mollusca)
Helix aperta (Mollusca)
H. aspersa (Mollusca)
Nephotettix apicalis (Homoptera)
Sitona cylindricollis (Coleoptera)
Theba pisana (Mollusca)
Trogoderma granarium (Coleoptera)

STRAW:

Forficula aetolica (Dermaptera)
Kaloterms flavicollis (Isoptera)

VEGETABLES:

Conotelus mexicanus (Coleoptera)

WOOD:

Apate monachus (Coleoptera)
Callidium rufipenne (Coleoptera)
Cryptotermes brevis (Isoptera)
Dinoderus bifoveolatus (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
H. brunneus (Coleoptera)
Heterotermes convexinotatus (Isoptera)
Lyctus brunneus (Coleoptera)
Micrapate labialis (Coleoptera)
M. mexicana (?) (Coleoptera)
Minthea rugicollis (Coleoptera)
Nasutitermes corniger (Isoptera)
Sinoxylon anale (Coleoptera)
S. conigerum (Coleoptera)
Trogoxylon aequale (Coleoptera)
T. prostomoides (Coleoptera)
Xyloperthella crinitarsis (Coleoptera)
X. picea (Coleoptera)
Xyloperthodes nitidipennis (?) (Coleoptera)
Xylothrips religiosus (Coleoptera)

Countries of Origin and Insects

AFRICA (country(?)):

Ceratitis capitata
Dinoderus bifoveolatus
Frankliniella schultzei
Minthea rugicollis

ALGERIA:

Hydroecia xanthenes
Parlatoria zizyphus

AMERICAN SAMOA:

Chaetanaphothrips orchidii
Dinoderus borneanus(?)
Geotomus pygmaeus
Pentalonia nigromerosea

AMERICAN VIRGIN ISLANDS:

Trogodylon aequale

ANGOLA:

Xyloperthella picea

ANTIGUA:

Cylas formicarius elegantulus
Diaprepes farinosus
Vinsonia stellifera

ARGENTINA:

Ceratitis capitata
Taeniothrips picipes

ARUBA:

Fundella pellucens

AUSTRALIA:

Aonidiella citrina
Betulaphis quadrituberculatus
Ceroplastes rubens
Cylas formicarius
Frankliniella schultzei
Haplothrips gowdeyi
Helix aspersa
Lepidosaphes tuberculata
Lycius brunneus
Oratus crataegarius
Pheidole megacephala
Thrips imaginis
Unaspis yanonensis

AUSTRALIA(?):

Ceratitis capitata(?)

AUSTRIA:

Ardis sulcata
Bruchidius villosus
Giraudiella inclusa
Laspeyresia splendana
Plemeliella abietina

AZORES:

Bruchus rufipes
B. tristiculus
Ceratitis capitata
Cerodontha denticornis
Cochicella ventrosa
Helix aperta
H. aspersa
Laspeyresia splendana
Pieris brassicae
Rhagoletis cerasi
Theba pisana

BAHAMAS:

Ancylostomia stercorea
Ips calligraphus
Nasutitermes rippertii
Vinsonia stellifera
Zediatraea lineolata

BARBADOS:

Ancylostomia stercorea
Fundella pellucens
Pectinophora gossypiella

BELGIUM:

Adozophyes reticulana
Anthonomus rectirostris
Bruchidius villosus
Euleia heraclei(?)
Evergestis forficatis
Frankliniella intonsa
Mamestra brassicae
Phytomyza rufipes
Taeniothrips atratus
T. dianthi

BERMUDA:

Bradybaena similaris
Helicina convexa
Otala vermiculata
Selenothrips rubrocinctus

BERMUDA(?):

Ceratitis capitata(?)

BOLIVIA:

Premnotrypes latithorax

BRAZIL:

Acanthoscelides birae
Aganactesis indecora
Amblycerus reticulatus
Anastrepha fraterculus(?)
A. mombrinae
Brevipalpus obovatus
Ceratitis capitata
Chrysomphalus personatus
C. umboniferus
Ectomyelois ceratoniae
Eutheola humilis
Eurytoma orchidearum
Euscepes postfasciatus
Megaris laevicollis
Mormidea v-luteum
Nasutitermes corniger
Pallantia macula
Parlatoria cinerea
Pectinophora gossypiella
Phelomerus aberrans
Platynota rostrana
Prodecatoma philodendri
Pseudococcus gahani
Stephanoderes hampei
Taeniothrips atratus
Tenthecoris exitiosus
Trehermiella tibouchinae
Unaspis citri

BRITISH GUIANA:

Caryedon gonagra
Euscepes postfasciatus
Fundella pellucens

BRITISH HONDURAS:

Gnorimoschema gudmannella
Nasutitermes corniger
N. ephratae
N. nigricipes
Pheidole megacephala
Pseudoschnaspis alienus
Stenoma catenifer
Vinsonia stellifera

BRITISH VIRGIN ISLANDS:

Choranthus vitellius

BRITISH WEST INDIES (island(?)):

Deltoccephalus maculellus

BURMA:

Bruchidius caeruleus

CANADA:

Miccotrogus picirostris
Sitona lineata

CANAL ZONE:

Acanthoscelides armitagei
Ancylostomia stercorea
Chrysomphalus albopictus
Cosmopolites sordidus
Pheidole megacephala
Vilga dissimilis
Vinsonia stellifera

CANARY ISLANDS:

Ceratitis capitata(?)

CAPE VERDE ISLANDS:

Cryptoblabes gnidiella

CEYLON:

Eurytoma orchidearum
Sinoxylon conigerum
Trogoderma granarium
Xylothrips religiosus

CHILE:

Epinotia aporema
Gnorimoschema plaesiosema
Lema bilineata
Naupactus xanthographus

CHINA:

Chalciope hyppasia
Cryptotermes brevis
Dialeurodes kirkaldyi
Parlatoria zizyphus
Spodoptera mauritia acronyctoides
Unaspis yanonensis

Countries of Origin and Insects—Continued

COLOMBIA:

Aleurodicus trinidadensis
Epinotia aporema
Eurytoma orchidearum
Gnorimoschema gudmannella
Heterotermes convexinotatus
Limax marginatus
Megalogyllus molinai
Milax gagates
Minthea squamigera
Stenomoma catenifer

COSTA RICA:

Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Aspidiotus destructor
Bephrata maculicollis
Ceratitis capitata
Chrysomphalus albopictus
Conotrachelus perseae
Diaphania quadrastigmatis
Limax marginatus
Metamasius hemipterus sericeus
Stenomoma catenifer

CRETE:

Cochlicella barbara
Helicella cretica
Helix aspersa
Otala vermiculata
Theba pisana

CUBA:

Anastrepha mombinpraeoptans
Cylas formicarius elegantulus
Nasutitermes rippertii
Syngamia florella

CURACAO:

Caryedon gonagra

CYPRUS:

Bruchus lentis
Ceratitis capitata
Haplothrips cottei

CZECHOSLOVAKIA:

Bruchus rufipes
Frankliniella intonsa
Rhagoletis alternata(?)
Taeniothrips atratus
Thrips flavus

DENMARK:

Cladius pectinicornis
Endelomyia aethiops
Gelechia ericetella
Helicella candidula
Mamestra brassicae
Phytomyza rufipes
Plemeliella abietina
Taeniothrips atratus
Thrips flavus
T. major
Ulopa reticulata

DOMINICA:

Anastrepha mombinpraeoptans
Vinsonia stellifera

DOMINICAN REPUBLIC:

Aganactesis indecora
Alloxacis spinosus
Anastrepha mombinpraeoptans
A. ocreata
A. suspensa
Ancylostoma stercorea
Crenidosum stigmaephylli
Cylas formicarius elegantulus
Dialeurodes citrifolii
Dysdercus andreae
Frankliniella sulphurea
Maruca testulalis
Meridyras progenies
Mimosestes dominicanus
Pectinophora gossypiella
Pheidole megacephala
Sphenarches caffer
Talponia batesi
Vinsonia stellifera

ECUADOR:

Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Aspidiotus destructor
Coccus viridis

Draeculacephala clypeata
Eucalendra setulosa
Metamasius hemipterus sericeus
Platoceticus symmicta
Porphyrobaphe iostoma
Prepiella aurea
Pseudoparlatoria serrulata
Solaropsis monile
Stenomoma catenifer
Unaspis citri

EL SALVADOR:

Anastrepha mombinpraeoptans
A. striata
Aulacaspis tubercularis
Miogryllus convolutus
Protopulvinaria pyrifomis
Stenomoma catenifer
Vinsonia stellifera

ENGLAND:

Blennocampa pusilla
Bruchidius villosus
Bruchus rufipes
Cladius pectinicornis
Dialeurodes chittendeni
Eriophyes canestrinii
Euleia heraclei(?)
Frankliniella intonsa
Gelechia ericetella
Gracilaria azaleella
Helicella caperata
Lygus rugulipennis
Merodon equestris
Milax gagates
Pealius azaleae
Pectinophora malvella
Phytomyza rufipes
Sitona hispidula
Spanioneura fonscolombei
Steneotarsonemus laticeps
Taeniothrips atratus
T. ericae
Thrips angusticeps
T. flavus
T. major
T. pillichi
Tipula paludosa
Trogoderma granarium

ENIWETOK:

Furcaspis oceanica

ETHIOPIA:

Ceratitis rubitora
Dacus oleae

EUROPE (country(?)):

Ceratitis capitata
Dacus oleae
Frankliniella intonsa
Limothrips denticornis
Rhagoletis cerasi
Taeniothrips atratus
T. dianthi
Thrips angusticeps
T. flavus

FEDERATION OF MALAYSIA:

Aspidiotus palmae
Callosobruchus analis
Trogoderma granarium

FEDERATION OF MALAYSIA(?):

Leucinodes orbonalis

FEDERATION OF RHODESIA AND NYASALAND:

Ceratitis capitata

FIJI:

Achaea janata
Figulus foreicollis
Incisitermes repandus
Pheidole megacephala
"Targionia" hartii
Unaspis yanomensis
Xylopsocus castanoptera

FINLAND:

Ardis sulcata
Frankliniella intonsa
Thrips flavus
T. major

FORMOSA:

Achatina julica

Countries of Origin and Insects—Continued

FORMOSA—Continued

Brevipalpus obovatus
Parlatoria zizyphus
Stephanoderes hampei
Trogoderma granarium

FRANCE:

Acrolepia assectella
Anuraphis cardui
Asterobemis carpinii
Bibio hortulanus
Bruchus ervi
B. lentis
B. rufipes
B. tristiculus
B. viciae
Ceratitidis capitata
Cochlicella barbara
Curculio elephas
Dacus oleae
Euleia heraclei
Evergestis forficulis
Frankliniella intonsa
Geomyza tripunctata
Gortyna flavago
Gracilaria azaleella
Helicella caperata
H. maritima
H. variabilis
Helix aspersa
Hellula undalis
Laspeyresia splendana
Liocoris tripustulatus
Mamestra brassicae
Milax gagates
Monacha cantiana
M. carthusiana
Myzus ascalonicus(?)
Periphyllus aceris
Phytomyza rufipes
Pieris brassicae
Rhagoletis cerasi
Theba pisana
Thrips angusticeps
T. flavus
Trogoderma granarium
Udea ferrugalis

FRANCE(?):

Agriophila latistria
 FRENCH GUIANA:

Vinsonia stellifera

GERMANY:

Aceria rudis
Acrolepia assectella
Adoxophyes reticulana
Anuraphis cardui
Ardis sulcata
Arge ochropus
Arianta arbustorum
Blastodacna atra
Bruchidius villosus
Bruchus ervi
B. lentis
B. rufipes
Chionaspis salicis
Cladius pectinicornis
Forficula pubescens
Frankliniella intonsa
Gelechia ericetella
Haplothrips aculeatus
Helicella pyramidata
Helix pomatia
Neuroterus tricolor
Phytomyza rufipes
Retinella hammonis
Rhagoletis cerasi
Taeniothrips atratus
T. dianthi
T. ericae
Thrips flavus
T. major
Tipula scripta
Trogoderma granarium
Ulopa reticulata

GHANA:

Acrosternum heegeri
Leucinodes orbonalis

"Targionia" hartii

GREECE:

Acanthoscelides spinipes
Bruchus dentipes
B. ervi
B. lentis
B. signaticornis
B. tristiculus
B. tristis
B. ulicis
Ceratitidis capitata
Cochlicella barbara
Cryptoblabes gnidiella
Curculio elephas
Dacus oleae
Ectomyelois ceratoniae
Euphyllura olivina
Helicella cretica
H. littoralis(?)
H. maritima
H. variabilis
Laspeyresia splendana
Liodontomerus papaveris
Lyctus africanus
Monacha olinieri
Monosteira unicastata
Otala vermiculata
Oryzaenys hyalinipennis
Parlatoria zizyphus
Prays oleellus
Schneidereria pistaciella
Sesamia cretica
Thrips angusticeps
T. major
Udea ferrugalis

GRENADA:

Ancylostoma stercorae
Pectinophora gossypiella

GUAM:

Adoretus sinicus
Araecerus cumingi
Aspidiotus palmarum
Caryedon gonagra
Pentalonia nigronervosa
Spodoptera mauritia acronyctoides

GUATEMALA:

Anastrepha mombinpraeoptans
Aulacaspis tubercularis
Chrysomphalus albopictus
Diorymerellus laevimargo
Fulvius anthocorides
Gnorimoschema gudmannella
Iridomyrmex iniquus
Limax marginatus
Metamasius hemipterus hemipterus
M. hemipterus sericeus
Myrmecophila americana
Pentalonia nigronervosa
Pseudoschnaspis longissima
Pseudoparlatoria serrulata
Stenomoma catenifer
Unaspis citri
Vinsonia stellifera
Zedaiatraea lineolata

HAITI:

Anastrepha mombinpraeoptans
Ancylostoma stercorae
Cryptotermes brevis
Cylas formicarius elegantulus
Diaprepes abbreviatus
D. abbreviatus var.
Haplothrips gowdeyi
Helix aspersa
Jadera pyrrholoma
Parlatoria zizyphus
Pectinophora gossypiella
Pheidole megacephala
Trogorylon aequale
Vinsonia stellifera

HAWAII:

Achaea janata
Adoretus sinicus
Araecerus levipennis
Aspidiotus herculeanus
Asterolecanium bambusae
Bradybaena similaris

Countries of Origin and Insects—Continued

HAWAII—Continued

Caryedon gonagra
Ceratitis capitata
Ceroptastes rubens
Coccus viridis
Conoderus exsul
Conotelus mericanus
Cryptotermes formosanus
Cryptophlebia illepidia
C. ombrodelta
Cryptotermes brevis
Cyane terpsichorella
Dacus cucurbitae
D. dorsalis
Dialeurodes kirkaldyi
Diocalandra taitensis
Ectomyelois ceratoniae
Euscapes postfasciatus
Graptostethus manillensis
Lampides boeticus
Lepidosaphes tokionis
Limac marginatus
Maruca testulalis
Modocoryllus conspersus
Nyctius coenosulus
Orchidophilus aterrimus
Orychilus alliiarius
Oxydema fusiforme
Pectinophora gossypiella
Pentalonia nigronervosa
Perkinsiella saccharicida
Pheidole megacephala
Pholidophorus advena
Pinnaaspis buxi
Polydesma umbricola
Polytus mellerborgii
Prays fulvocanellus
Pseudognathia claviger
Pseudococcus gahani
P. neobrevipes
P. oceanicus
P. palmarum
Pulvinaria psidii
Selenothrips rhodocinctus
Sinorylon conigerum
Siphanta acuta
Stator limbatus
S. pruvinus
Sternonchetus mangiferae
Sybra alternans
Taeniothrips hawaiiensis
Xiphidopsis lita
Xylothrips religiosus

HONDURAS:

Aleuroplatus variegatus
Cerconota anonella
Lamellaris micra
Lygaeus pulchellus
Metamasius hemipterus sericeus
Pheidole megacephala
Stenomoma catenifer
Tamagiria dizolophella

HONG KONG:

Cylas formicarius var.
C. formicarius formicarius
Homoeogryllus japonicus
Lyctus africanus
Parlatoria zizyphus
Trogoderma granarium
Unaspis yanonensis

HONG KONG(?):

Minthea rugicollis

HUNGARY:

Ardis sulcata
Clysiaria ambigua
Frankliniella intonsa
Taeniothrips atratus
T. dianthi
T. ericae
Tetranychus viennensis

ICELAND:

Thrips flavus
T. major

INDIA:

Caryedon gonagra
Dacus dorsalis(?)

Dinoderus bifoveolatus
Heterobostrychus aequalis
Nephotettix apicalis
Parlatoria zizyphus
Sinorylon anale
S. conigerum
Sternonchetus mangiferae
Suidasia medanensis
Syntomis cyssa
Trogoderma granarium
INDONESIA:
Coccus viridis
Genaparlatoria pseudaspidiotus

IRAN:

Bruchus dentipes
Trogoderma granarium

IRELAND:

Gelechia ericetella
Orychilus alliiarius
Retinella hammonis
Stenotarsonemus laticipes
Taeniothrips atratus
T. ericae
Thrips flavus
T. major
Trichia hispida

ISRAEL:

Aploneura lentisci
Bruchus tristiculus
Cecilioides acicula
Ceratitis capitata
Cladius pectinicornis
Dacus oleae
Forficula aetolica
Frankliniella tenuicornis
Oryctareus hyalinipennis
Parlatoria cinerea
Prodenia litura
Rhagoletis cerasi
Taeniothrips discolor
Thrips flavus
T. major

ITALY:

Acanthoscelides spinipes
Acrolepia assectella
Aleurotrachelus jelenekii
Anuraphis cardui
Aspidiotus putearis
Brachycerus albidentatus
B. algeris
Bruchidius debilis
B. gilvus
B. incarnatus
B. meleagrinus
B. unicolor
B. villosus
Bruchus dentipes
B. eri
B. lentis
B. rufipes
B. rufipes luteicornis
B. signaticornis
B. tristiculus
B. tristis
Cacocimorpha pronubana
Cenopalpus pulcher
Ceratitis capitata
Cochlicella ventrosa
Cryptoblabes gnidiella
Curculio elephas
C. nucum
Dacus oleae
Depressaria erinaceella
Dyspessa ulula
Ectomyelois ceratoniae
Euleia heraclei(?)
Eupelidius cuspidata
Forficula decipiens
Frankliniella intonsa
Gnorimoschema ocellatella
Helicella pyramidata
H. variabilis
Helix aperta
Hylobius abietis
Lampides boeticus

Countries of Origin and Insects—Continued

ITALY—Continued

Laspeyresia splendana
Limax marginatus
Lobesia botrana
Mamestra brassicae
Megastigmus pistaciae
Milax gagates
Opogona sacchari
Ostrinia nubilalis
Otala lactea
O. vermiculata
Ovatus crataegarius
Parlatoria zizyphus
Pentodon punctatus
Phalonia zephyrana
Pieris brassicae
Prays oleellus
Pseudopachymerus lallemandi
Retinella hammonis
Rhagoletis cerasi
Rhopalosiphoninus tulipaellus
Schneidereria pistaciella
Sesamia cretica
Sitona humeralis
Sterrhia inquinata
Theba pisana
Thrips angusticeps
Udea ferrugalis

IVORY COAST:

Dacus cucurbitae

JAMAICA:

Aleurocanthus woglumi
Alloxacis spinosus
Anastrepha mombinpraeoptans
Ancylostoma stercora
Chrysomphalus odontoglossus
Dialeurodes citrifolii
Euscapes postfasciatus
Haplothrips gowdeyi
Helicna neritella
Heterotermes convexinotatus
Limax marginatus
Palaeopus costicollis
Pectinophora gossypiella
Sennius probus(?)
Vinsonia stellifera

JAPAN:

Aleurotuberculatus aucubae
Amatissa consorta
Aonidiella citrina
A. inornata
Aspidiotus diffinis
Brevipalpus obovatus
Bryobia ehari
Callidium rufipenne
Carposina niponensis
Ceroptastes ceriferus
Chilo suppressalis
Chlorophorus annularis
Cylas formicarius formicarius
Dichocrois punctiferalis
Euproctis similis
Frankliniella formosae
Geotomus pygmaeus
Gryllotalpa africana
Haplothrips gowdeyi
Holochlora japonica
Hypomeces squamosus
Lampides boeticus
Lepidosaphes conchiformis
L. pini
Maruca testulalis
Matsumuraesia phaseoli
Myocalandra elongata
Oligonychus perditus
Ostrinia nubilalis
Parlatoria zizyphus
Parnara guttata
Pentamerismus oregonensis
Pheidole megacephala
Polydesma umbricola
Rhopalosiphum rufiabdominalis(?)
Spodoptera pecten
Tueniothrips eucharii

"*Targionia*" *hartii*
Teleogryllus mitratus
Tetranychus viennensis
Thrips nigropilosus
Trogoderma granarium
Unaspis citri
U. yanonensis

JAPAN(?):

Ericella inangulata

JORDAN:

Ceratitis capitata
Eurytoma amygdali

KENYA:

Acrida sulphuripennis
Cylas puncticollis
Gastrimargus brevipes
Homorocoryphus nitidulus
Morphacris fasciata

KENYA(?):

Trogoderma granarium

KOREA:

Trogoderma granarium

KUWAIT:

Trogoderma granarium

KWAJALEIN:

Furcaspis oceanica
Lepidosaphes esakii

LEBANON:

Bruchus ervi
B. lentis
Ceratitis capitata
Dacus oleae
Trogoderma granarium

LIBERIA:

Ceratitis capitata
Cylas puncticollis
Pectinophora gossypiella

LIBYA:

Cochlicella barbara
C. ventrosa
Helicella pyramidata
Theba pisana

MACAO:

Minthea rugicollis

MADAGASCAR:

Pheidole megacephala
Ulopa hovana

MALTA:

Ceratitis capitata
Parlatoria zizyphus

MEXICO:

Aceria tulipae
Aellopos tantalus
Aleurocanthus woglumi
Aleuroparadoxus gardeniae
Aleuroplatus variegatus
Anastrepha ludens
A. mombinpraeoptans
Anechura vara
Anthonomus albolineatus
Arphnus melanotylus
Aspidiotus destructor
A. diffinis
A. excisus
Asterolecanium bambusae
A. epidendri
Batrachedra linaria
Bruchus ervi
Calyptoccephala gerstaeckeri
Caryedon gonagra
Carystoides basocheii replana
C. lebbaeus
Chaetana photrips orchidii
Chilo loftini
Chrysomphalus albopictus
C. odontoglossus
C. personatus
Cladius isomerus
Coelonerus nigrirostris
Conotelus mexicanus
Conotrachelus aguacatae
Cryphula apicata
Cylas formicarius elegantulus
Cylindrocopturus tetralobus(?)

Countries of Origin and Insects—Continued

MEXICO—Continued

Diorumerellus taevimargo
Drymaeus hegewischii
Dysdercus mimus
D. obliquus
Eriopyga fea
Erythrothrips durango
Ethelema sobrina
Eumaeus debora
Everes comytas
Erptochiomera formosa
Galgupha punctifer
Gnorimoschema gudmannella
Haplothrips clarisetis(?)
Helix aspersa
Hylesia euphemia
Iridomyrmex iniquus
Labia arcuata
Lepidosaphes philococcus
Ligyrocoris nitidicollis
Loxostege bifidialis
Lygaeus pulchellus
Lygus lineolaris
Melanaspis squameae
Micrapate labialis
M. mexicana(?)
Neoleucinodes elegantalis
Otosema odorata
Oratus crataegarius
Paracosmia tolteca
Parisoschoenus expositus
P. flavolimbatus
Parlatoria cinerea
Pectinophora gossypiella
Phelomerus aberrans
Phelypera distigma
Phera centrolineata
Praticolella berlandieriana
Pseudocysta perseae
Pseudischinaspis bowreyi(?)
P. longissima
Reticulitermes flavipes
R. tibialis
Rhinostomus barbirostris
Rhynchophorus palmarum
Sisamnes contractus
Spanogonicus albofasciatus
Stator limbatus
Stenoma catenifer
Talponia batesi
Teleonemia proliza
Tetranychus cinnabarinus
Trialeurodes similis
T. vitrinellus
Trochuda raspa(?)
Trogoxylon aequale
T. prostomoides
Unaspis citri
Xanthochroina bicolor

MOROCCO:

Acheta hispanicus
Bruchus lentis
Ceratitidis capitata
Cochlicella barbara
C. ventrosa
Dictyla nassata
Gryllus bimaculatus
Helicella conspurcata
H. maritima
Lygaeus equestris
L. pandurus
Parlatoria zizyphus
Pieris brassicae
Rumina decollata
Sphingonotus rubescens
Theba pisana

MOZAMBIQUE:

Phaeocatantops decoratus
Tylotropidius gracilipes

NETHERLANDS:

Acrolepia assectella
Adoxophyes reticulana
Ardis sulcata
Arianta arborum
Aspidiotus palmiae

Bruchus lentis
B. viciae
Cecilioides acicula
Ceutorhynchus erysimi
Chrysomphalus personatus
Dactynotus sonchi
Dialeurodes chittendeni
Evergestis forficatus
Haplothrips aculeatus
Helicella candidula
H. elegans
H. trochoides
Helix aspersa
Mamestra brassicae
Merodon equestris
Milax gagates
Sitona hispidula
S. lineata
Subulina octona
Taeniothrips atratus
Theba pisana
Thrips flavus
Trigonophora meticulosa
Trogoderma granarium

NETHERLANDS(?):

Lepidosaphes tubulorum

NEVIS:

Arcylostomia stercorea

NEW GUINEA:

Aspidiotus palmae

NEW ZEALAND:

Austrotortrix postvittata(?)

Tortrix excessana

NICARAGUA:

Aleurocanthus woglumi
Anastrepha mombinpraeoptans
A. striata
Aulacaspis tubercularis
Chrysomphalus calurus
Mumetopia nigrimana
Sogata orizicola
Stenoma catenifer
Unaspis citri
Zeadiatraea lineolata

NIGERIA:

Ceratitidis colae(?)
Cylas puncticollis
Lyctus brunneus
Pheidole megacephala

NORWAY:

Argyroploce lacunana
Gelechia ericetella
Parthenothrips dracaenae
Taeniothrips atratus
T. ericae
Thrips flavus

OKINAWA:

Parlatoria zizyphus

OKINAWA(?):

Spodoptera mauritia acronyctoides

PAKISTAN:

Heterobostrychus aequalis
Oxycarenus hyalinipennis
Pectinophora gossypiella
Sinorhynchos anale
Trogoderma granarium

PALMYRA ISLAND:

Selenothrips rubrocinctus

PANAMA:

Acanthoscelides armutagai
Anastrepha ludens
A. mombinpraeoptans
Ancylostomia stercorea
Aspidiotus destructor
Asterolecanium bambusae
Cerconota anonella
Cosmopolites sordidus
Cyclocephala discicollis
Euscepes postfasciatus
Fundella pellucens
Geniatus panamensis
Liogenys macropelma
L. quadridentatus
Maruca testulalis
Nasutitermes ephratae

Countries of Origin and Insects—Continued

PANAMA—Continued

Stenoma catenifer
Unaspis citri
Vinsonia stellifera

PANAMA(?):

Aeneolamia reducta
 PERU:
Acanthoscelides armitagei
Aleurodicus iridescens
Ceratitidis capitata
Epinotia a porema
Mescinia peruella
Nasutitermes chaquimayensis
Pentalonia nigronervosa
Stenoma catenifer
Subulina octona

PHILIPPINES:

Aleurotuberculatus jasmini
Aspidiotus destructor
Aulacaspis tubercularis
Caryedon gonagra
Chilo suppressalis
Chrysomphalus tingi
Cylas formicarius formicarius
Dacus cucurbitae
D. dorsalis
Dialeurodes kirkaldyi
Heterobostrychus aequalis
Mimegralla coeruleifrons
Mniothripa lichenigera
Opeas pyrgula
Oryambulys subtrigilis
Parlatoria citri
P. zizyphus
Pheidole megacephala
Prodenia litura
Pseudococcus lilacinus
P. neobrevipes
Suidasia medanensis
Unaspis yanonensis

POLAND:

Blastodacna atra
Frankliniella intonsa
Haplothrips aculeatus
Pezicopia malvella
Rhagoletis cerasi
Taeniothrips atratus
T. dianthi
T. ericae
Thrips flavus

PORTUGAL:

Aphidura pujoli
Bruchus azoricus
B. emarginatus
B. lentis
B. rufipes luteicornis
B. tristiculus
Ceratitidis capitata
Cochlicella ventrosa
Cryptoblabes gnidiella
Curculio elephas
Helix aspersa
Laspeyresia splendana
Opogona sacchari
Ovatus crataegarius
Rhagoletis cerasi
Sesamia nonagriodes
Theba pisana
Udea ferrugalis

PUERTO RICO:

Aceria pluchae
Anastrepha mombinpraeoptans
A. suspensa
Ancylostoma stercora
Cylas formicarius elegantulus
Diaprepes abbreviatus
Empoasca kraemeri
Euscepes postfasciatus
Euzestis eluta
Geocoris thoracicus
Haplothrips gowdeyi
Maruca testulalis
Metamasius hemipterus hemipterus
Pheidole megacephala
Platynota rostrana

Sphenarches caffer

Vinsonia stellifera

REPUBLIC OF SOUTH AFRICA:

Antliarhinus zamiae
Aspidiotus capensis (tentative)
Ceratitidis capitata
Dacus oleae
Haplothrips gowdeyi
Phlyctinus callosus
Pseudothrips glaucus
Scantius forsteri
Stephanoderes hampei
Theba pisana

REPUBLIC OF THE CONGO:

Apate monachus
Bruchidius unicolor(?)
Heterobostrychus brunneus
Minthea rugicollis
Xyloperthella crinitarsis
X. picea

ST. KITTS:

Anastrepha mombinpraeoptans
Choranthus vitellius
Deltoccephalus maculellus

ST. MARTIN:

Anastrepha mombinpraeoptans
Pheidole megacephala

SCOTLAND:

Cladius pectinicornis
Gelechia ericetella
Taeniothrips atratus
T. ericae

SENEGAL:

Caryedon gonagra
Ceratitidis capitata
Hellula undalis
Leucinodes orbonalis
Maruca testulalis

SEYCHELLES:

Trogoderma granarium

SIERRA LEONE:

Cylas puncticollis

SPAIN:

Aleurolobus olivinus
Brachycerus algerus
Bruchus lentis
B. rufipes
B. signaticornis
Cacocimorpha pronubana
Cenopalpus pulcher
Ceratitidis capitata
Chilo suppressalis
Cochlicella barbara
C. ventrosa
Cryptoblabes gnidiella
Curculio elephas
Dacus oleae
Dyspessa ulula
Ectomyelois ceratoniae
Helicella aragonis
H. caperata
H. conspurcata
H. maritima
H. variabilis
H. virgata
Helix aspersa
Kaloterms flavicollis
Laspeyresia nigricana
L. splendana
Macroglossum stellatarum
Mamestra brassicae
Parlatoria zizyphus
Rhagoletis cerasi
Sesamia cretica
S. nonagriodes
Taeniothrips picipes
Theba pisana

SUDAN:

Trogoderma granarium

SURINAM:

Fundella pellucens
Maruca testulalis

SWEDEN:

Frankliniella intonsa

Countries of Origin and Insects—Continued

SWEDEN—Continued

Ostrinia nubilalis
Taeniothrips atratus
Tephritis conura
Thrips major

SWITZERLAND:

Cladius pectinicornis
Curculio elephas
C. nucum
Frankliniella intonsa
Gelechia ericetella
Laspeyresia splendana
Melolontha melolontha
Stenoptilia stigmatodactyla
Thrips flavus

TAHITI:

Dialeurodes kirkaldyi
Morganella longispina
Parlatoria cinerea
Puleinaria psidii

THAILAND:

Caryedon gonagra
Dacus cucurbitae
Heterobostrychus aequalis
Ostrinia nubilalis
Oryzema longulum
Parlatoria citri
Trogoderma granarium

TORTOLA:

Anastrepha mombinpraeoptans
Euscapes postfasciatus
Melormenis antillarum

TRINIDAD:

Acanthoscelides armitagei
Aganactesis indecora
Ancylostomia stercorea
Aspidiotus excisus
Cylas formicarius elegantulus
Euscapes postfasciatus
Sphenarches caffer
Vinsonia stellifera

TURKEY:

Bruchus ervi
B. lentis
Helicella cretica
H. derbentina
H. protea
H. variabilis
Helix figulina
Monacha olivieri
Otala vermiculata
Rhagoletis cerasi(?)

UNION OF SOVIET SOCIALIST REPUBLICS:

Haplothrips tritici

UNITED ARAB REPUBLIC:

Bruchus lentis
Ceratitidis capitata
Gnorimoschema ocellatella

UNKNOWN:

Achaea fanata
Aethus indicus
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Arge ochropus
Asterobemisia carpini
Brevipalpus chilensis
Bruchus ervi
B. lentis
Caryedon gonagra
Ceratitidis capitata
Ceroptastes rubens
Chalciope hyppasia
Chrysomphalus personatus
Clysiina ambigua
Cochlicella ventrosa
Cryptoblabes gnidiella
Diabrotica speciosa
Diatraea oleracea
Dyspessa ulula
Ectomyelois ceratoniae
Eucalymnatus tessellatus
Euxesta eluta
Frankliniella intonsa
F. sulphurea
Geniatus panamensis

Helicella itala
H. protea
H. pyramidata
Helix aspersa
Hymenia perspectalis
Laspeyresia splendana
Liogenys macropelma
Lyctus africanus
Macrosiphum ibaruae(?)
Marasmia poealis
Minthea rugicollis
Nephrotettix apicalis
Opeas pumilum
Ostrinia nubilalis
Otala vermiculata
Oryzopsis vittata
Parastichtis monoglypha
Parlatoria cinerea
P. zizyphus
Pectinophora gossypiella
Phytomyza rufipes
Prodenia litura
Pyropotosia pryeri
Rhagoletis cerasi
Rhynchophorus palmarum
Sesamia cretica
Sinoxylon anale
Sitona cylindricollis
S. hispidula
Spodoptera mauritia acronyctoides
S. pecten
Stenoma catenifer
Stephanoderes hampei
Sylepta balleata
Taeniothrips atratus
Theba pisana
Thrips angusticeps
T. flavus
T. major
T. pilichi
Trogoderma granarium
Unaspis yanonensis
Vinsonia stellifera

URUGUAY:
Ceratitidis capitata

VENEZUELA:
Asterolecanium epidendri
Cryptoblabes gnidiella
Epinotia aporema
Nasutitermes corniger
Pectinophora gossypiella
Stenoma catenifer

VIETNAM:
Cryptophlebia ombrodelta
Heterobostrychus aequalis
Parlatoria citri
P. zizyphus

WAKE ISLAND(?):
Parlatoria zizyphus

WEST AFRICA:
Caryedon gonagra
Cordylomera spinicornis(?)
Heterobostrychus brunneus
Pachybrachius albocinctus
Xyloperthella picea
Xyloperthodes nudipennis(?)

WEST INDIES (island(?)):
Aeneolamia reducta
Ancylostomia stercorea
Euxesta eluta

WEST PACIFIC:
Pentalonia nigronervosa
Spodoptera mauritia acronyctoides
Utethesia pulchella

YUGOSLAVIA:
Bruchidius marginalis
Bruchus rufipes
B. tristis
Cryptoblabes gnidiella
Curculio elephas
Opogona sacchari
Otala lactea
Taeniothrips atratus

ZANZIBAR:
Sinoxylon conigerum

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
† <i>Alternaria zinniae</i> Pape: <i>Zinnia</i> sp. (seed).....	Italy.....			1	N.J.
† <i>Anthostomella leucobasis</i> Ell. & Mart.: <i>Chamaedorea</i> sp. (palm) leaf.....	Mexico.....	1			Tex.
† <i>Aphelenchoides blastophthorus</i> Franklin, 1952: <i>Convallaria majalis</i> (lily-of-the-valley).....	Denmark.....			1	N.Y.
† <i>Aphelenchoides parietinus</i> (Bastian, 1865) Steiner, 1932: Soil with <i>Samanea saman</i> (raintree saman) log. <i>Ascochyta citri</i> Penz.: <i>Citrus limon</i> (lemon).....	Fiji.....	1			Hawaii.
<i>C. sinensis</i> (sweet orange).....	†Federation of Malaysia, unknown.		2		Calif.*
<i>Ascochyta sorghina</i> Sacc.: <i>Sorghum vulgare</i> (sorghum).....	Japan.....		2		Calif.*
<i>Botryosphaeria berengeriana</i> de N. var. <i>araucariae</i> Sacc. (<i>Dothiorella araucariae</i> stage): <i>Araucaria angustifolia</i> (Parana araucaria) seed.....	Mexico.....	1			Tex.
† <i>Camarosporium ellipticum</i> Cke. & Harkn.: <i>Mesembryanthemum linguiforme</i> (stem).....	Republic of South Africa.....			1	N.Y.
†Carnation mottle virus: <i>Dianthus caryophyllus</i> (carnation).....	do.....	1			N.Y.
<i>Cercospora angraci</i> Feuill. & Roum.: <i>Odontoglossum</i> sp. (orchid) leaf.....	Italy.....			1	N.J.
<i>Cercospora brachiata</i> Ell. & Ev. (Syn.: <i>C. canescens</i>): <i>Phaseolus vulgaris</i> cv. (string bean).....	England.....			1	N.J.
† <i>Cercospora insulana</i> Sacc.: <i>Limonium sinuatum</i> (notchleaf sea-lavender) stem and leaf.....	Puerto Rico.....	3			P.R.
† <i>Cercospora jujubae</i> Chowdhury: <i>Zizyphus jujuba</i> (common jujube) leaf.....	Haiti.....	1			Fla.
<i>Cercospora kalmiae</i> Ell. & Ev.: <i>Kalmia latifolia</i> (mountain-laurel kalmia) leaf.....	Thailand.....			1	Fla.
† <i>Cercospora longissima</i> Sacc.: <i>Lactuca sativa</i> (lettuce) leaf.....	Europe (country(?)).....		4		N.Y.
<i>Chrysomya ledi</i> d By. var. <i>rhododendri</i> (d By.) Savile: <i>Rhododendron ferrugineum</i> (rock rhododendron) leaf.....	British Honduras.....	1			Fla.
<i>Rhododendron</i> sp.....	Switzerland.....	9			N.Y.
† <i>Coccostroma chamaedoreae</i> (Syd.) Arx & Müller: <i>Chamaedorea</i> sp. (palm) leaf.....	Austria, †Norway(?), Switzerland.....	19			Fla., N.Y.
† <i>Coniothecium scabrum</i> McAlp.: <i>Citrus sinensis</i> (sweet orange).....	Mexico.....	1			Tex.
† <i>Corynespora cassiicola</i> (Berk. & Curt.) Wei: <i>Lycopersicon esculentum</i> (tomato).....	Mexico, Republic of South Africa, Spain.....	1	2		Calif.,* Hawaii, N.C.
† <i>Criconea celestem</i> Wu, 1960: Soil with <i>Camellia</i> sp.....	Guatemala.....	1			Fla.
† <i>Criconea fimbriatum</i> Cobb in Taylor, 1936: Soil with <i>Begonia</i> sp.....	Portugal.....			1	N.Y.
<i>Criconemoides curvatum</i> Raski, 1952: Soil with <i>Begonia</i> sp.....	Mexico.....			1	Tex.
Soil with <i>Camellia</i> sp.....	Argentina.....			1	N.Y.
Soil with <i>Mentha</i> sp.....	†Portugal.....			1	N.Y.
† <i>Criconemoides informe</i> (Micoletzky, 1922) Taylor, 1936: Soil with <i>Fagus</i> sp. and <i>Picea</i> sp.....	Mexico.....			1	Tex.
<i>Criconemoides mutabile</i> Taylor, 1936: Soil with <i>Amaryllis</i> sp. (bulb).....	do.....			1	Ariz.
Soil with <i>Dahlia</i> hybrid.....	do.....			1	Tex.
Soil with <i>Mangifera indica</i> (mango) seedling.....	do.....			1	Tex.
Soil with unidentified plants.....	do.....			1	Tex.
<i>Cronartium ribicola</i> Fisch. v. Waldh.: <i>Ribes</i> sp. (leaf).....	Germany.....			1	Mass.

See footnotes at end of table.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Cryptospora longispora</i> Servazzi:					
<i>Araucaria excelsa</i> (seed)-----	Unknown-----			1	N.J.
<i>Cumminsia mirabilissima</i> (Pk.) Nannf.: <i>Mahonia aquifolium</i> 'Darkpurple' (leaf)-----	Netherlands-----			1	N.Y.
<i>Cylindrosporium castaneae</i> (Lév.) Krenner: <i>Castanea</i> sp. (chestnut) plant.-----	Italy-----			1	N.Y.
<i>Diaporthe eres</i> Nits. (<i>Phomopsis pterophila</i> stage): <i>Fraxinus excelsior</i> 'Weeping' (weeping European ash) seed.-----	do-----			1	N.J.
<i>Ditylenchus dipsaci</i> (Kühn, 1857) Filipjev, 1936: <i>Narcissus</i> sp. (bulb)-----	England-----			2	N.J.
<i>Dothiorella barringtoniae</i> (Cke. & Massee) Petr. & Syd.: <i>Barringtonia speciosa</i> (India barringtonia) seed pod.-----	Hawaii-----	1			Calif.*
† <i>Dothiorella eucalypti</i> (Berk. & Br.) Sacc.: <i>Eucalyptus</i> sp. (leaf)-----	Australia-----	1			N.Y.
† <i>Echidnodela guatemalensis</i> Bat. et al: <i>Annona muricata</i> (sour sop) leaf.-----	Dominican Republic-----	1			N.Y.
<i>Elsinoe australis</i> Bitanc. & Jenkins: <i>Citrus aurantifolia</i> (sour lime)-----	Argentina, Brazil-----	1	14		Calif.* Fla.
<i>C. limon</i> (lemon)-----	Argentina, Brazil, Uruguay-----	3	20		Ala., Calif.* Fla., La., N.Y.
<i>C. paradisi</i> (grapefruit)-----	Paraguay-----		1		N.Y.
<i>C. reticulata</i> (Mandarin orange)-----	Argentina, Brazil, South America (country(?)), unknown, Uruguay-----	9	38		Ala., Calif.* Fla., La., N.Y., Pa., P.R.
<i>C. reticulata</i> cv-----	Argentina, South America (country(?)), unknown-----	1	13		N.Y.
<i>C. sinensis</i> (sweet orange)-----	Argentina, Brazil, Paraguay, South America (country(?)), unknown, Uruguay-----	15	94		Ala., Calif.* Fla., Ga., Hawaii, La., Md., Mass., N.Y., Pa., P.R., Tex.
<i>Elsinoe mangiferae</i> Bitanc. & Jenkins: <i>Mangifera indica</i> (mango)-----	†Costa Rica, Dominican Republic, †Jamaica, Mexico, Puerto Rico, unknown-----	22	1		Fla., P.R., Tex.
† <i>Elsinoe rosarum</i> Jenkins & Bitanc.: <i>Rosa</i> hybrid (leaf)-----	Italy-----	1			N.Y.
† <i>Fusarium avenaceum</i> (Fr.) Sacc.: <i>Triticum aestivum</i> (wheat) seed-----	France-----	1			N.J.
† <i>Fusarium nivale</i> Ces.: <i>Triticum aestivum</i> (wheat) seed-----	do-----	1			N.J.
† <i>Fusicladium pyracanthae</i> (Otth) Rostr.: <i>Pyracantha atalantoides</i> (firethorn)-----	Germany-----			1	D.C.
"Greasy spot": <i>Citrus reticulata</i> (Mandarin orange)-----	†Argentina-----		1		Fla.
<i>Citrus</i> sp-----	Dominican Republic, †Haiti, Mexico-----	6			Fla., N.Y., Tex.
† <i>Guignardia bidwellii</i> (Ell.) Viala & Ravaz (<i>Phyllosticta</i> stage): <i>Vitis</i> sp. (grape) leaf-----	Honduras-----	1			Fla.
<i>Guignardia citricarpa</i> Kiely (<i>Phoma</i> stage): <i>Citrus aurantifolia</i> (lime)-----	Vietnam-----	1			Hawaii.
<i>C. aurantium</i> (sour orange)-----	Japan-----		5		Calif.* Wash.
<i>C. grandis</i> (pummelo)-----	Japan, Thailand-----	1	1		Calif.*
<i>C. limon</i> (lemon)-----	Australia, Formosa, India(?), Japan, Republic of South Africa, unknown-----	2	59		Calif.* Fla., Hawaii, N.Y., Oreg., Pa., S.C., Tex., Va.
<i>C. paradisi</i> (grapefruit)-----	Australia, China(?), Japan, Republic of South Africa, Tahiti (?), unknown-----	1	13		Calif.* Fla., Hawaii, N.Y., Pa. S.C.

See footnotes at end of table.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Guignardia citricarpa</i> Kiely—Continued					
<i>C. reticulata</i> (Mandarin orange)-----	Australia, China, Formosa, Hong Kong, Japan, Okinawa, Philippines, unknown, Vietnam.	111	6	-----	Calif., * Hawaii, Pa., S.C., Tex., Wash.
<i>C. sinensis</i> (sweet orange)-----	Australia, Brazil, China, Formosa, Hong Kong, Japan, Republic of South Africa, unknown.	56	260	-----	Calif., * Fla., Ga., Hawaii, La., Md., Mass., N.Y., N.C., Pa., S.C., Tex., Wash.
<i>Citrus</i> sp. (dried peel)-----	China, Hong Kong, Japan, Pakistan, unknown.	40	-----	-----	Calif., Fla., N.Y., Tex., Wash.
<i>Gymnosporangium harae</i> Syd.: <i>Juniperus chinensis</i> (pyramid Chinese juniper) dwarf tree.	Japan-----	-----	-----	1	Calif.*
<i>Helicotylenchus mannus</i> Steiner, 1945: (Syn.: <i>H. dihystra</i>) Soil with <i>Allium</i> sp. (onion)-----	Mexico-----	1	-----	-----	Tex.
Soil with plants (<i>Begonia</i> sp., <i>Caladium</i> sp., <i>Chamaedorea</i> sp., <i>Coleus</i> sp., <i>Dracaena</i> sp., <i>Euphorbia</i> sp., <i>Mangifera indica</i> , <i>Mentha</i> sp., and unidentified plants).	Argentina, Brazil, †Hawaii, †Japan, Mexico, †Philippines	-----	1	15	Hawaii, N.Y. Tex.
† <i>Helminthosporium cynodontis</i> Marig.: <i>Cynodon dactylon</i> (Bermuda grass) stolon-----	India-----	-----	-----	1	D.C.
<i>Cynodon</i> sp. (dogtooth grass) stolon-----	Republic of South Africa.	-----	-----	1	D.C.
† <i>Hemicriconemoides mangiferae</i> Siddiqi, 1961: Soil with <i>Coleus</i> sp-----	Mexico-----	-----	-----	1	Tex.
<i>Heterodera avenae</i> Wollenweber, 1924: Soil with automobile-----	France-----	1	-----	-----	N.Y.
Soil with <i>Dahlia</i> hybrid-----	Germany-----	-----	-----	1	Ill.
<i>Heterodera punctata</i> Thorne, 1928: Soil with automobile-----	England, Europe (country(?)), Germany.	5	-----	-----	Calif., * Fla., N.Y., Tex.
Soil with plants (<i>Calluna vulgaris</i> , <i>Cissus</i> sp., grass, succulent, and unidentified plants).	Czechoslovakia, England, Germany, Ireland, Mexico, Norway, Scotland.	-----	2	9	Ariz., Fla., Ill., Mich. N.Y.
Soil with stores (<i>Apium graveolens</i> var. <i>dulce</i> , <i>Amaracia lapathifolia</i> , and <i>Solanum tuberosum</i>).	England, Germany-----	-----	3	-----	Calif., * La., N.Y.
<i>Heterodera rostochiensis</i> Wollenweber, 1923: Soil with <i>Allium sativum</i> (garlic)-----	Peru-----	3	-----	-----	N.Y.
Soil with automobile-----	England, Germany-----	2	-----	-----	La., Pa.
Soil with plants (<i>Amaryllis</i> sp., cactus, <i>Calluna vulgaris</i> , <i>Dahlia</i> hybrid, <i>Fragaria</i> sp., grass, <i>Hedera helix</i> , <i>Primula</i> sp., <i>Prunus</i> sp., <i>Rubus</i> sp., <i>Salvia officinalis</i> , <i>Sedum</i> sp., <i>Trifolium</i> , <i>repens</i> cv., unidentified plants, and <i>Zantedeschia</i> sp.).	England, Germany, Ireland, Northern Ireland, Scotland, Sweden, unknown.	-----	-----	19	Calif., *Fla., Ill., Md., Mass., Mich., N.J. N.Y.
Soil with <i>Solanum</i> spp. (tubers)-----	South America (country(?))-----	-----	-----	1	D.C.
Soil with stores (<i>Apium graveolens</i> var. <i>dulce</i> , <i>Daucus carota</i> var. <i>sativa</i> , and <i>Solanum tuberosum</i>).	Argentina, Canary Islands, England, Netherlands, Norway.	-----	6	-----	Calif., *Fla., Mich.
Soil with <i>Trifolium repens</i> cv. (shamrock) leaf-----	Ireland-----	1	-----	-----	Ill.
† <i>Hypoxylon folicola</i> J. H. Miller: <i>Chamaedorea elegans</i> (palm) leaf-----	Mexico-----	1	-----	-----	Tex.
<i>Chamaedorea</i> sp. (leaf)-----	do-----	3	-----	-----	Tex.
† <i>Lacellina graminicola</i> Sacc.: <i>Panicum maximum</i> (Guinea grass)-----	do-----	1	-----	-----	Tex.
† <i>Leprieurina winteriana</i> Arn.: <i>Annona muricata</i> (soursop) leaf-----	Dominican Republic-----	1	-----	-----	N.Y.
<i>Leptosphaeria protearum</i> Syd.: <i>Protea cynaroides</i> (honeypot protea) leaf-----	Republic of South Africa.	1	-----	-----	N.Y.
<i>Protea</i> sp. (leaf)-----	do-----	2	-----	-----	Mass., N.Y.

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Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Macrophoma araucariae</i> De Lac.:					
<i>Araucaria cookii</i> (seed).....	New Zealand.....			1	Calif.*
<i>A. cunninghamii</i> (Cunningham araucaria) seed.....	New Guinea, New Zealand.....			4	Calif.*
<i>A. klinkii</i> (seed).....	New Guinea.....			1	Calif.*
<i>Macrophoma dalmatica</i> (Thuem.) Berl. & Vogl.:					
<i>Olea europaea</i> (olive).....	Lebanon.....	1			N.Y.
<i>Macrophoma musae</i> (Cke.) Berl. & Vogl.:					
<i>Musa</i> × <i>paradisica</i> (banana).....	†Formosa, Hawaii.....	1	1		Calif.*
<i>Macrophoma oleae</i> (DC.) Berl. & Vogl.:					
<i>Olea europaea</i> (olive).....	Italy.....	1			N.Y.
† <i>Melanconium palmarum</i> Cke.:					
<i>Chamaedorea</i> sp. (palm) leaf.....	Mexico.....	1			Tex.
† <i>Meliola butleri</i> Syd.:					
<i>Citrus reticulata</i> (Mandarin orange).....	Philippines.....	1			Hawaii.
<i>Meloidogyne arenaria</i> (Neal, 1889) Chitwood, 1949:					
<i>Alocasia</i> sp. (root).....	Mexico.....			2	Tex.
<i>Coriandrum sativum</i> (?) (root).....	†Nicaragua.....			1	Fla.
Plant—unidentified (root).....	do.....			1	Fla.
<i>Solanum tuberosum</i> (potato).....	Brazil.....		1		La.
<i>Zingiber officinale</i> (ginger) root.....	†Nicaragua.....			1	Fla.
<i>Meloidogyne hapla</i> Chitwood, 1949:					
<i>Anemone japonica</i> (Japanese anemone) root.....	Germany.....			1	N.J.
<i>Bredia tuberculata</i> (root).....	†Ireland.....			1	D.C.
<i>Clematis</i> hybrid (root).....	Netherlands.....			3	N.Y.
<i>Dahlia</i> hybrid (root).....	Japan.....			1	Hawaii
<i>Impatiens petersiana</i> (Peters snapweed).....	†Ireland.....			1	D.C.
<i>Phyllagathis rotundifolia</i> (Sumatra metaleaf).....	do.....			1	D.C.
<i>Ranunculus acontifolius</i> 'Double' (aconite buttercup) root.....	Netherlands.....			1	N.J.
Root—unidentified.....	†Lebanon.....			1	D.C.
<i>Rosa</i> hybrid (root).....	†Portugal.....			1	N.J.
<i>Meloidogyne incognita</i> (Kofoid and White, 1919) Chitwood, 1949:					
<i>Begonia</i> sp. (root).....	Mexico.....			1	Tex.
<i>Echeveria</i> sp. (root).....	Republic of South Africa.....			1	Tex.
<i>Gardenia</i> sp. (root).....	Mexico.....			1	Tex.
<i>Lilium</i> sp. (root).....	do.....			1	Ariz.
<i>Meloidogyne incognita acrita</i> Chitwood, 1949:					
<i>Anthurium</i> sp. (root).....	Colombia.....			1	Tex.
<i>Begonia multiflora</i> 'Helen Haerens' (tuber).....	Netherlands.....			1	N.J.
<i>Begonia</i> sp. (root).....	Costa Rica.....			1	Fla.
<i>Caladium</i> sp. (root of bulb).....	Guatemala.....			1	Tex.
<i>Callopsiis volkensii</i> (root).....	England.....			1	D.C.
<i>Gerbera</i> sp. (root).....	Trinidad.....			1	Fla.
<i>Ipomoea batatas</i> (sweetpotato).....	Japan.....		1		Calif.*
<i>Lactuca sativa</i> (lettuce) root.....	†Senegal.....		1		Mass.
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee) root of bulb.....	Republic of South Africa.....			1	N.J.
<i>Philodendron</i> sp. (root).....	Mexico.....			1	Tex.
<i>Yucca</i> sp. (root).....	do.....			1	Tex.
<i>Meloidogyne incognita incognita</i> (Kofoid and White, 1919) Chitwood, 1949:					
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee) root of bulb.....	Republic of South Africa.....			1	N.J.
<i>Meloidogyne javanica</i> (Treub, 1885) Chitwood, 1949:					
<i>Canna</i> sp. (root).....	Mexico.....			1	Tex.
<i>Dieffenbachia amoena</i> (root).....	do.....			1	Tex.
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee) root of bulb.....	Republic of South Africa.....			1	N.J.
Plant—unidentified (root).....	†Nicaragua.....			1	Fla.
<i>Solanum tuberosum</i> (potato).....	Brazil.....		2		La.
<i>Microsphaera alni</i> Wint.:					
<i>Ledum</i> sp. (?) (leaf).....	Canada.....			1	Wash.
† <i>Microthyrium laurenti</i> P. Henn.:					
<i>Coffea</i> sp.....	Mexico.....	2			Ariz.
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:					
<i>Malus sylvestris</i> (apple).....	†Switzerland.....			1	Calif.*
<i>Prunus domestica</i> (plum).....	Germany.....			1	Calif.*
<i>Prunus</i> sp. (cherry).....	France, Italy, Spain.....		3		N.Y., Pa.

See footnotes at end of table.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in
		Consumption	Nonentry	Propagation	
<i>Mycosphaerella advena</i> Syd.: <i>Chamaedorea</i> sp. (palm) stem.....	Mexico.....	1			Tex.
<i>Mycosphaerella colorata</i> Ell. & Ev. (<i>Phyllosticta kalmicola</i> stage): <i>Kalmia latifolia</i> (mountain-laurel kalmia).....	Europe (country(?)).....		3		N.Y.
<i>Mycosphaerella schoenoprasii</i> (Ces. & de N.) Schroet.: <i>Allium cepa</i> (onion) top.....	Japan, Sweden.....		3		Calif.*
<i>A. porrum</i> (leek) top.....	Japan.....		7		Calif.*
<i>Allium</i> sp.....	do.....		1		Calif.*
† <i>Mycosphaerella tetraspora</i> Seaver: <i>Commelina</i> sp. (dayflower) leaf.....	Puerto Rico.....			1	P.R.
† <i>Myiocypron orchidearum</i> (Mont.) Sacc.: <i>Epidendrum</i> sp. (orchid).....	Canal Zone.....			1	Hawaii.
<i>Neovossia horrida</i> (Tak.) Padw. & A. Khan (Syn.: <i>Tilletia horrida</i>): <i>Oryza sativa</i> (rice) hulls and straw.....	Japan.....		128		Calif.*
† <i>Phaeoseptoria oryzae</i> Miyake: <i>Oryza sativa</i> (rice).....	Mexico.....			1	Tex.
<i>Phakopsora gossypii</i> (Arth.) Hirat. f.: <i>Gossypium</i> sp. (cotton) leaf.....	Haiti, Jamaica.....	2			Fla., N. Y.
<i>Phakopsora jatrochicola</i> Cumm.: <i>Jatropha curcas</i> (Barbados-nut) leaf.....	Dominican Republic.....	1			Fla.
<i>J. gossypifolia</i> (bellyache nettlespurge) leaf.....	Dominican Republic, †Haiti, †Nicaragua.	5			Fla.
<i>Phoma cajani</i> Rangel: <i>Cajanus cajan</i> (pigeonpea).....	†Dominican Republic, Puerto Rico.	3			Fla., P.R.
<i>Phoma samararum</i> Desm.: <i>Frazinus</i> sp. (ash) samara.....	Norway.....			1	Wash.
<i>Phomopsis coccos</i> Petch: <i>Cocos nucifera</i> (coconut) nut cap.....	Hawaii, Philippines.....	1	1		Calif.*
<i>Phomopsis conorum</i> (Sacc.) Died.: <i>Picea</i> sp. (spruce) seedling.....	Germany.....			1	Calif.*
† <i>Phomopsis detrusa</i> (Sacc.) Died.: <i>Nandina domestica</i> (seed berry).....	Japan.....			1	Calif.*
<i>Phyllachora cynodontis</i> (Sacc.) Niessl: <i>Cynodon dactylon</i> (Bermuda grass).....	India.....			1	D.C.
† <i>Phyllachora graminis</i> (Fr.) Fekl.: Grass—unidentified.....	Canada.....			1	N.Y.
<i>Phyllactinia guttata</i> (Fr.) Lév.: <i>Ulmus</i> sp. (elm) leaf.....	Mexico.....	1			Tex.
<i>Phyllosticta aucubicola</i> Sacc.: <i>Aucuba japonica</i> 'Croton'.....	Belgium.....			1	N.J.
† <i>Phyllosticta batatas</i> (Thuen.) Cke.: <i>Ipomoea batatas</i> (sweetpotato) leaf.....	Puerto Rico.....			1	P.R.
† <i>Phyllosticta coccolabae</i> Ell. & Ev.: <i>Coccoloba wifera</i> (common seagrape) leaf.....	do.....	1			P.R.
† <i>Phyllosticta cocos</i> Cke.: <i>Chamaedorea</i> sp. (palm) frond.....	Mexico.....	1			Tex.
† <i>Phyllosticta coffeicola</i> Delacr.: <i>Coffea</i> sp. (leaf).....	Costa Rica.....	2			Fla.
† <i>Phyllosticta hibiscina</i> Ell. & Ev.: <i>Hibiscus rosa-sinensis</i> (Chinese hibiscus) leaf.....	Bahamas.....			1	Fla.
† <i>Phyllosticta ilicicola</i> (Cke. & Ell.) Ell. & Ev.: <i>Ilex yunnanensis</i> (Yunnan holly) leaf.....	Mexico(?).....		1		Fla.
<i>Phyllosticta ruscicola</i> Dur. & Mont.: <i>Ruscus</i> sp. (butchersbroom).....	Italy.....	1			La.
† <i>Phyllosticta sorbi</i> West. var. <i>terminalis</i> Grove: <i>Sorbus aucuparia</i> (European mountain-ash) seed.....	Belgium.....			1	N.J.
† <i>Polyporus phocinus</i> Berk.: <i>Samanea saman</i> (raintree saman) log.....	American Samoa.....	1			Hawaii.
<i>Pratylenchus convallariae</i> Seinhorst, 1959: <i>Convallaria majalis</i> (lily-of-the-valley) pip.....	Denmark.....			1	N.Y.
<i>Pratylenchus penetrans</i> (Cobb, 1917) Filipjev & Schuurmans Stekhoven, 1941: <i>Dahlia</i> 'Aquila' (root).....	Republic of South Africa, †Portugal.			1	N.J.
Soil with <i>Camellia</i> sp.....				1	N.Y.

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† Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pseudomonas syringae</i> v. Hall(?): <i>Citrus limon</i> (lemon)-----	Italy, †Portugal, unknown.	2	1	-----	Mass., N.Y.
<i>Puccinia buxi</i> DC.: <i>Buxus sempervirens</i> (boxwood) leaf-----	England, Europe (country(?)), France, Ireland, †Switzerland, unknown.	8	47	3	Calif., *Mass., N.Y., Wash.
† <i>Puccinia cyperi</i> Arth.: <i>Cyperus</i> sp. (flatsedge) leaf-----	Peru-----	1	-----	-----	Fla.
† <i>Puccinia dochmia</i> Berk. & Curt.(?): <i>Muhlenbergia</i> sp. (muhly) grass packing-----	Mexico-----	1	-----	-----	Ariz.
† <i>Puccinia erythropus</i> Diet.: <i>Miscanthus sinensis</i> (Chinese silvergrass)-----	Japan-----	-----	1	-----	Hawaii.
<i>Puccinia hortiana</i> P. Henn.: <i>Chrysanthemum leucanthemum</i> (ox-eye daisy)-----	do-----	-----	1	-----	Hawaii.
<i>C. morifolium</i> (florists chrysanthemum)-----	do-----	5	-----	-----	Hawaii.
<i>Chrysanthemum</i> sp-----	do-----	6	24	-----	Calif., *Hawaii.
† <i>Puccinia iridis</i> Rab.: <i>Iris</i> hybrid (leaf)-----	Austria-----	-----	-----	1	N.J.
<i>Puccinia longicornis</i> Pat. & Har.: Bamboo (leaf)-----	Japan-----	-----	1	-----	Wash.
† <i>Puccinia menthae</i> Pers.: <i>Mentha</i> sp. (mint) leaf-----	Haiti-----	1	-----	-----	Fla.
<i>Puccinia oncidii</i> Cummi.: <i>Oncidium</i> sp. (orchid) leaf-----	Ecuador-----	-----	-----	2	N.Y.
<i>Puccinia ornithogalli-thyrsoides</i> Diet.: <i>Ornithogalum thyrsoides</i> (Cape chinkerichee) stem-----	Republic of South Africa-----	3	-----	-----	N.J., N.Y.
<i>Puccinia striiformis</i> West.: <i>Triticum aestivum</i> (wheat) straw-----	France-----	1	-----	-----	Fla.
† <i>Puccinia thaliae</i> Diet.: <i>Canna</i> sp. (leaf)-----	Honduras-----	1	-----	-----	Fla.
<i>Puccinia urbaniana</i> P. Henn.: <i>Stachytarpheta jamaicensis</i> (Jamaica falsevalerian) leaf-----	†Dominican Republic, Puerto Rico-----	2	-----	-----	Fla., P.R.
<i>Radopholus similis</i> (Cobb, 1893) Thorne, 1949: <i>Anthurium</i> sp. (root)-----	Hawaii-----	-----	-----	2	Calif.* Hawaii.
<i>Zingiber officinale</i> (ginger) rhizome-----	do-----	1	-----	-----	-----
<i>Ravenelia spegazziniana</i> Linquist: <i>Acacia</i> sp., prob. <i>farnesiana</i> (sweet acacia)-----	Mexico-----	-----	-----	1	Ariz.
† <i>Rhytisma decolorans</i> Fr.: <i>Lyonia</i> sp. (leaf)-----	Nepal-----	-----	-----	1	D.C.
Rose mosaic: <i>Rosa</i> hybrid-----	Guatemala-----	-----	1	-----	Fla.
†Rose mosaic—yellow type: <i>Rosa</i> hybrid-----	Haiti-----	1	-----	-----	Fla.
† <i>Rotylenchus goodeyi</i> Loof and Oostenbrink, 1958: <i>Armoracia lapathifolia</i> (horseradish)-----	England-----	-----	1	-----	Hawaii.
<i>Rotylenchus robustus</i> (deMan, 1876) Filipjev, 1936: <i>Armoracia lapathifolia</i> (horseradish)-----	do-----	-----	1	-----	Hawaii.
Soil with Euphorbiaceae (plant)-----	do-----	-----	-----	1	Md.
† <i>Rotylenchus uniformis</i> (Thorne, 1949) Loof and Oostenbrink, 1958: Soil with <i>Camellia</i> sp-----	Portugal-----	-----	-----	1	N.Y.
Soil with "shamrock"-----	Ireland-----	1	-----	-----	Md.
† <i>Scirrhia rimosa</i> (Alb. & Schw.) Fckl.: <i>Phragmites communis</i> (common reed) mat-----	Austria-----	1	-----	-----	Ill.
<i>Scutellonema brachyurum</i> (Steiner, 1938) Anderson, 1958: Liliaceae (plant)-----	†Australia-----	-----	-----	1	Hawaii.
Soil with bulb-----	Mexico-----	-----	-----	2	Ariz.
Soil with <i>Gardenia</i> sp. (plant)-----	do-----	-----	-----	1	Tex.
Soil with Liliaceae (plant)-----	†Japan-----	-----	-----	1	Hawaii.
Soil with unidentified plants-----	†Hawaii, Mexico-----	-----	-----	3	Hawaii, Tex.
<i>Septoria citri</i> Pass.: <i>Citrus aurantium</i> (sour orange)-----	Japan-----	-----	1	-----	Calif.*
<i>C. grandis</i> (pummelo)-----	do-----	-----	1	-----	Calif.*

See footnotes at end of table.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Septoria citri</i> Pass.—Continued					
<i>C. limon</i> (lemon).....	Greece, Italy, Spain, unknown.	-----	16	-----	Calif.,* Hawaii, La., N.Y., Ohio, Tex.
<i>C. reticulata</i> (Mandarin orange).....	Spain, unknown.....	-----	2	-----	Fla., N.Y.
<i>C. sinensis</i> (sweet orange).....	Greece, †Hong Kong, Japan, Republic of South Africa, Spain.	2	5	-----	Calif.,* Fla., Ohio.
<i>Septoria curvula</i> I. Miyake:					
<i>Oryza sativa</i> (rice) hulls.....	Japan.....	-----	1	-----	Calif.*
† <i>Septoria miyakei</i> Sacc. & Trav.:					
<i>Oryza sativa</i> (rice) hulls.....	do.....	-----	2	-----	Calif.*
<i>Septoria oryzae</i> Catt.:					
<i>Oryza sativa</i> (rice) hulls and straw.....	do.....	-----	37	-----	Calif.*
<i>Sphaceloma fawcettii</i> Bitanc. & Jenkins var. <i>scabiosa</i> (McAlp. & Tryon) Jenkins:					
<i>Citrus limon</i> (lemon).....	Australia.....	-----	4	-----	Calif.,* Fla., La., Pa.
† <i>Sphaceloma poinsettiae</i> Jenkins & Ruehle:					
<i>Euphorbia pulcherrima</i> (common poinsettia) stem and bract.....	Guatemala.....	-----	-----	1	Fla.
<i>Sphaceloma punicea</i> Bitanc. & Jenkins:					
<i>Punica granatum</i> (pomegranate).....	Dominican Republic, Mexico.	10	-----	-----	Ariz., P.R., Tex.
<i>Sphaceloma spondiadis</i> Bitanc. & Jenkins:					
<i>Spondias cytherea</i> (vi-apple).....	†Guatemala.....	1	-----	-----	La.
<i>S. mombin</i> ("jobo").....	Barbados.....	1	-----	-----	N.Y.
<i>S. purpurea</i> (purple mombin).....	†Dominican Republic, †El Salvador.	2	-----	-----	La., N.Y.
<i>Spondias</i> sp.....	†Trinidad.....	1	-----	-----	N.Y.
† <i>Sphaeropsis subglobosa</i> Cke.:					
<i>Bambusa</i> sp. (bamboo) necklace.....	Unknown.....	1	-----	-----	Fla.
<i>Sphenospora kevorkianii</i> Linder:					
<i>Cochlioda</i> sp. (orchid) leaf.....	Ecuador.....	-----	-----	1	N.Y.
<i>Diacrium</i> sp. (orchid) leaf.....	Costa Rica.....	-----	-----	1	Calif.*
<i>Epidendrum cochleatum</i> (orchid) leaf.....	Jamaica.....	-----	-----	1	Fla.
<i>E. difforme</i> (leaf).....	Guatemala.....	-----	-----	3	Fla.
<i>E. stamfordianum</i> (leaf).....	Canal Zone.....	-----	-----	1	Fla.
<i>Epidendrum</i> sp. (leaf).....	†Grenada, Haiti, Hon- duras, Panama.	-----	-----	4	Fla.
<i>Gongora</i> sp. (orchid) leaf.....	Mexico, Peru.....	-----	-----	2	Fla., Tex.
<i>Huntleya burtii</i> (orchid) leaf.....	Canal Zone, Costa Rica.	-----	-----	3	Fla.
<i>Ionopsis</i> sp.(?) (orchid) leaf.....	Haiti.....	-----	-----	1	Fla.
<i>Notylia lyrata</i> (orchid) leaf.....	Brazil.....	-----	-----	2	Fla.
<i>Oncidium bicallosum</i> (orchid) leaf.....	†Surinam.....	-----	-----	1	Fla.
<i>O. luridum</i> (leaf).....	†El Salvador.....	-----	-----	1	Fla.
<i>O. pusillum</i> (leaf).....	Guatemala.....	-----	-----	1	Fla.
<i>O. splendidum</i> (leaf).....	Honduras.....	-----	-----	1	Fla.
<i>Oncidium</i> sp. (leaf).....	†El Salvador, Haiti, Jamaica, Peru.	-----	-----	5	Fla., N.Y.
Orchid (leaf).....	Bahamas, †British Guiana, Ecuador, Panama.	-----	-----	7	Calif.,* Fla., N.Y.
<i>Trigonidium</i> sp. (orchid) leaf.....	Guatemala.....	-----	-----	1	Calif.*
<i>Zygopetalum cerinum</i> (orchid) leaf.....	Canal Zone.....	-----	-----	1	Fla.
<i>Zygostates lunata</i> (orchid) leaf.....	Brazil.....	-----	-----	1	Fla.
<i>Sphenospora mera</i> Cumm.:					
<i>Cataseum</i> sp. (orchid) leaf.....	Ecuador.....	-----	-----	1	Fla.
† <i>Thecaphora solani</i> Barrus:					
<i>Solanum tuberosum</i> (potato).....	Colombia.....	1	-----	-----	Fla.
† <i>Trochila ilicis</i> (Fr.) Crouan:					
<i>Ilex</i> sp. (holly) leaf.....	Italy.....	1	-----	-----	N.Y.
<i>Tylenchorhynchus capitatus</i> Allen, 1955:					
Soil with <i>Camellia</i> sp.....	†Portugal.....	-----	-----	1	N.Y.
Soil with <i>Solandra</i> sp. (chalice vine).....	Mexico.....	-----	-----	1	Ariz.
Soil with unidentified tree.....	do.....	-----	-----	1	Ariz.
† <i>Tylenchorhynchus crassicaudatus</i> Williams, 1960:					
Soil with Araceae (plant).....	Philippines.....	-----	-----	1	Hawaii.
Soil with <i>Ligustrum</i> sp.....	Japan.....	-----	-----	1	Hawaii.

See footnotes at end of table.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Uredo guacae</i> Mayor:					
<i>Epidendrum</i> sp. (orchid) leaf.....	†Dominican Republic.....	-----	-----	1	N.Y.
<i>Phalaenopsis</i> sp. (orchid) leaf.....	Peru.....	-----	-----	1	Fla.
<i>Uredo nigropuncta</i> P. Henn.:					
<i>Bletia</i> sp. (orchid) leaf.....	Bahamas.....	-----	-----	1	Fla.
<i>Uredo oncidii</i> P. Henn.:					
<i>Oncidium cavendishianum</i> (orchid) leaf.....	Mexico.....	-----	-----	1	Tex.
<i>Uredo scabies</i> Cke.:					
<i>Vanilla</i> sp. (orchid) leaf.....	do.....	-----	-----	1	Tex.
† <i>Uromyces dolicholi</i> Arth.:					
<i>Cajanus cajan</i> (pigeonpea) leaf.....	Panama.....	1	-----	-----	Fla.
† <i>Uromyces euphorbiae</i> Cke. & Pk.:					
<i>Euphorbia</i> sp.....	Mexico.....	1	-----	-----	Ariz.
† <i>Uromyces jatrophae</i> Diet. & Holw.:					
<i>Manihot esculenta</i> (common cassava) leaf.....	Dominican Republic.....	-----	-----	2	Fla.
† <i>Uromyces vicia-fabae</i> (Pers.) Schroet. (Syn.: <i>U. fabae</i>):					
<i>Lens culinaris</i> (lentil) pod and stem.....	Ecuador.....	1	-----	-----	Fla.
<i>Uromycladium tepperianum</i> (Sacc.) McAlp.:					
<i>Acacia decora</i> (graceful-wattle acacia) seed.....	Australia.....	-----	-----	1	Calif.*
<i>Xanthomonas citri</i> (Hasse) Dowson:					
<i>Citrus aurantifolia</i> (lime) dried peel and fruit..	Afghanistan, Federation of Malaysia, India, Japan, Pakistan, Philippines, Thailand, unknown, Vietnam.	20	150	-----	Calif.,* Hawaii, N.Y., Wash.
<i>C. aurantium</i> (sour orange).....	Japan.....	-----	24	-----	Calif.,* La., Pa., Tex., Wash.
<i>C. grandis</i> (pummelo).....	China, Federation of Malaysia, Formosa, Hong Kong, Thailand.	2	5	-----	Calif.,* Hawaii, N.C.
<i>C. limon</i> (lemon).....	Japan.....	-----	17	-----	Calif.,* Hawaii, La., Oreg., Tex.
<i>C. paradisi</i> (grapefruit).....	do.....	1	3	-----	Calif.,* Hawaii, Wash.
<i>C. paradisi</i> X <i>C. reticulata</i> (tangelo).....	do.....	-----	1	-----	Hawaii.
<i>C. reticulata</i> (Mandarin orange) dried peel and fruit.	China, Hong Kong, India, Japan, unknown.	19	11	-----	Calif.,* Fla., Hawaii, La., N.Y., Tex.
<i>C. reticulata</i> cv. (dried peel).....	Hong Kong.....	1	-----	-----	Tex.
<i>C. sinensis</i> (sweet orange) dried peel and fruit..	China, Formosa, Hong Kong, India, Japan, unknown.	18	90	-----	Ala., Calif.,* Ga., Hawaii, La., N.Y., Oreg., Pa., Tex., Wash.
<i>Citrus</i> sp. (dried peel, fruit, and leaf).....	China, Hong Kong, Japan, Pakistan, unknown.	8	7	-----	Calif.,* Hawaii, N.Y., Tex., Wash.
† <i>Xanthomonas dieffenbachiae</i> (McCul. & Pirone) Dows.:					
<i>Dieffenbachia picta</i> (variable tuftroot).....	Puerto Rico.....	-----	1	-----	P.R.
<i>Xanthomonas</i> sp. (Cancerosis B):					
<i>Citrus limon</i> (lemon).....	Argentina, South America (country(?)), unknown.	-----	18	-----	N.Y., Pa., P.R., Tex.
<i>C. sinensis</i> (sweet orange).....	South America (country(?)).	-----	1	-----	N.Y.

An asterisk (*) indicates State inspection.

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates a first interception by Division inspectors.

Hosts and Diseases

- ACACIA:
Ravenelia spegazziniana (Promycetes)
Uromycladium tepperianum (Promycetes)
- ALLIUM CEPA:
Mycosphaerella schoenoprasii (Ascomycetes)
- ALLIUM PORRUM:
Mycosphaerella schoenoprasii (Ascomycetes)
- ALLIUM SP.:
Mycosphaerella schoenoprasii (Ascomycetes)
- ALOCASIA:
Meloidogyne arenaria (Nematoda)
- ANEMONE:
Meloidogyne hapla (Nematoda)
- ANNONA:
†*Echinodella guatemalensis* (Ascomycetes)
†*Leprieurina winteriana* (Deuteromycetes)
- ANTHURIUM:
Meloidogyne incognita acrita (Nematoda)
Radopholus similis (Nematoda)
- ARAUCARIA:
Botryosphaeria berengeriana var. *araucariae* (Ascomycetes)
Cryptospora longispora (Ascomycetes)
Macrophoma araucariae (Deuteromycetes)
- ARMORACIA:
†*Rotylenchus goodeyi* (Nematoda)
E. robustus (Nematoda)
- AUCUBA:
Phyllosticta aucubicola (Deuteromycetes)
- BAMBOO:
Puccinia longicornis (Promycetes)
- BAMBUSA:
†*Sphaeropsis subglobosa* (Deuteromycetes)
- BARRINGTONIA:
Dothiorella barringtoniae (Deuteromycetes)
- BEGONIA:
Meloidogyne incognita (Nematoda)
M. incognita acrita (Nematoda)
- BLETTIA:
Uredo nigropuncta (Promycetes)
- BREDIA:
†*Meloidogyne hapla* (Nematoda)
- BUXUS:
†*Puccinia buxi* (Promycetes)
- CAJANUS:
†*Phoma cajani* (Deuteromycetes)
†*Uromyces dolicholi* (Promycetes)
- CALADIUM:
Meloidogyne incognita acrita (Nematoda)
- CALLOPSIS:
Meloidogyne incognita acrita (Nematoda)
- CANNA:
Meloidogyne javanica (Nematoda)
†*Puccinia thaliae* (Promycetes)
- CASTANEA:
Cylindrosporium castaneae (Deuteromycetes)
- CATASETUM:
Sphenospora mera (Promycetes)
- CHAMAEDOREA:
†*Anthostomella leucobasis* (Phycomycetes)
†*Coccostroma chamaedoreae* (Ascomycetes)
†*Hypoxylon folicola* (Ascomycetes)
†*Melanconium palmarum* (Deuteromycetes)
Mycosphaerella advena (Ascomycetes)
†*Phyllosticta cocus* (Deuteromycetes)
- CHRYSANTHEMUM:
Puccinia horiana (Promycetes)
- CITRUS AURANTIFOLIA:
Elsinoe australis (Ascomycetes)
Guignardia citricarpa (Ascomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS AURANTIUM:
Guignardia citricarpa (Ascomycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS GRANDIS:
Guignardia citricarpa (Ascomycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS LIMON:
†*Ascochyta citri* (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Guignardia citricarpa (Ascomycetes)
- †*Pseudomonas syringae* (?) (Schizomycetes)
Septoria citri (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis B) (Schizomycetes)
- CITRUS PARADISI:
Elsinoe australis (Ascomycetes)
Guignardia citricarpa (Ascomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS PARADISI × C. RETICULATA:
Xanthomonas citri (Schizomycetes)
- CITRUS RETICULATA:
Elsinoe australis (Ascomycetes)
†“Greasy spot”
Guignardia citricarpa (Ascomycetes)
†*Meliola butleri* (Ascomycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS RETICULATA CV.:
Elsinoe australis (Ascomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SINENSIS:
Ascochyta citri (Deuteromycetes)
†*Coniothecium scabrum* (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Guignardia citricarpa (Ascomycetes)
†*Septoria citri* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis B) (Schizomycetes)
- CITRUS SP.:
†“Greasy spot”
Guignardia citricarpa (Ascomycetes)
Xanthomonas citri (Schizomycetes)
- CLEMATIS:
Meloidogyne hapla (Nematoda)
- COCCOLOBA:
†*Phyllosticta cocolobae* (Deuteromycetes)
- COCHLIODA:
Sphenospora kevorkianii (Promycetes)
- COCOS:
Phomopsis cocomes (Deuteromycetes)
- COFFEA:
†*Microthyrium laurenti* (Ascomycetes)
†*Phyllosticta coffeicola* (Deuteromycetes)
- COMMELINA:
†*Mycosphaerella tetraspora* (Ascomycetes)
- CONVALLARIA:
†*Aphelenchoides blastophthorus* (Nematoda)
†*Pratylenchus convallariae* (Nematoda)
- CORIANDRUM (?):
†*Meloidogyne arenaria* (Nematoda)
- CYNODON:
†*Helminthosporium cynodontis* (Deuteromycetes)
Phyllachora cynodontis (Ascomycetes)
- CYPERUS:
†*Puccinia cyperi* (Promycetes)
- DAHLIA:
Meloidogyne hapla (Nematoda)
†*Pratylenchus penetrans* (Nematoda)
- DIACRUM:
Sphenospora kevorkianii (Promycetes)
- DIANTHUS:
†*Carnation mottle virus* (Virus)
- DIEFFENBACHIA:
Meloidogyne javanica (Nematoda)
†*Xanthomonas dieffenbachiae* (Schizomycetes)
- ECHEVERIA:
Meloidogyne incognita (Nematoda)
- EPIDENDRUM:
†*Myriocopron orchidearum* (Deuteromycetes)
†*Sphenospora kevorkianii* (Promycetes)
†*Uredo guacae* (Promycetes)
- EUCALYPTUS:
†*Dothiorella eucalypti* (Deuteromycetes)
- EUPHORBIA:
†*Sphaceloma poinsettiae* (Deuteromycetes)
†*Uromyces euphorbiae* (Promycetes)
- FRAXINUS:
Diaporthe eres (Ascomycetes)
Phoma samararum (Deuteromycetes)
- GARDENIA:
Meloidogyne incognita (Nematoda)
- GERBERA:
Meloidogyne incognita acrita (Nematoda)

See footnotes at end of this list.

Hosts and Diseases—Continued

- GONGORA:
Sphenospora kevorkianii (Promycetes)
- GOSSYPYUM:
Phakopsora gossypii (Promycetes)
- HIBISCUS:
Phyllosticta hibiscina (Deuteromycetes)
- HUNTLEYA:
Sphenospora kevorkianii (Promycetes)
- ILEX:
Phyllosticta ilicicola (Deuteromycetes)
Trochila ilicis (Ascomycetes)
- IMPATIENS:
Meloidogyne hapla (Nematoda)
- IONOPSIS(?):
Sphenospora kevorkianii (Promycetes)
- IPOMOEA:
Meloidogyne incognita acrita (Nematoda)
Phyllosticta batatas (Deuteromycetes)
- IRIS:
Puccinia iridis (Promycetes)
- JATROPHA:
Phakopsora jatrophaicola (Promycetes)
- JUNIPERUS:
Gymnosporangium haraeaeum (Promycetes)
- KALMIA:
Cercospora kalmiae (Deuteromycetes)
Mycosphaerella colorata (Ascomycetes)
- LACTUCA:
Cercospora longissima (Deuteromycetes)
Meloidogyne incognita acrita (Nematoda)
- LEDUM(?):
Microsphaeraalni (Ascomycetes)
- LENS:
Uromyces vicia-fabae (Promycetes)
- LILLACEAE:
Scutellonema brachyurum (Nematoda)
- LILIUM:
Meloidogyne incognita (Nematoda)
- LILOMNIUM:
Cercospora insulana (Deuteromycetes)
- LYCOPERSICON:
Corynespora cassicola (Deuteromycetes)
- LYONIA:
Rhytisma decolorans (Ascomycetes)
- MAHONIA:
Cumminsia mirabilissima (Promycetes)
- MALUS:
Monilinia fructigena (Ascomycetes)
- MANGIFERA:
Elsinoe mangiferae (Ascomycetes)
- MANIHOT:
Uromyces jatrophae (Promycetes)
- MENTHA:
Puccinia menthae (Promycetes)
- MESEMBRYANTHEMUM:
Camarsporium ellipticum (Deuteromycetes)
- MISCANTHUS:
Puccinia erythropus (Promycetes)
- MUHLENBERGIA:
Puccinia dochmia(?) (Promycetes)
- MUSA:
Macrophoma musae (Deuteromycetes)
- NANDINA:
Phomopsis detrusa (Deuteromycetes)
- NARCISSUS:
Ditylenchus dipsaci (Nematoda)
- NOTYLLA:
Sphenospora kevorkianii (Promycetes)
- ODONTOGLOSSUM:
Cercospora angraci (Deuteromycetes)
- OLEA:
Macrophoma dalmatica (Deuteromycetes)
M. oleae (Deuteromycetes)
- ONCIDIUM:
Puccinia oncidii (Promycetes)
Sphenospora kevorkianii (Promycetes)
Uredo oncidii (Promycetes)
- ORCHID:
Sphenospora kevorkianii (Promycetes)
- ORNITHOGALUM:
Meloidogyne javanica (Nematoda)
M. incognita acrita (Nematoda)
M. incognita incognita (Nematoda)
Puccinia ornithogali-thyrsoides (Promycetes)
- ORYZA:
Neovossia horrida (Promycetes)
Phaeoseptoria oryzae (Deuteromycetes)
Septoria curvula (Deuteromycetes)
S. miyakei (Deuteromycetes)
S. oryzae (Deuteromycetes)
- PANICUM:
Lacellina graminicola (Deuteromycetes)
- PHALAEENOPSIS:
Uredo guacae (Promycetes)
- PHASEOLUS:
Cercospora brachiata (Deuteromycetes)
- PHILODENDRON:
Meloidogyne incognita acrita (Nematoda)
- PHRAGMITES:
Scirrhia ramosa (Ascomycetes)
- PHYLLAGATHIS:
Meloidogyne hapla (Nematoda)
- PICEA:
Phomopsis conorum (Deuteromycetes)
- PROTEA:
Leptosphaeria protearum (Ascomycetes)
- PRUNUS:
Monilinia fructigena (Ascomycetes)
- PUNICA:
Sphaceloma punicae (Deuteromycetes)
- PYRACANTHA:
Fusicladium pyracanthae (Deuteromycetes)
- RANUNCULUS:
Meloidogyne hapla (Nematoda)
- RHODODENDRON:
Chrysomyza ledi var. *rhododendri* (Promycetes)
- RIBES:
Cronartium ribicola (Promycetes)
- ROSA:
Elsinoe rosarum (Ascomycetes)
Meloidogyne hapla (Nematoda)
Rose mosaic (Virus)
Rose mosaic—yellow type (Virus)
- RUSCUS:
Phyllosticta ruscicola (Deuteromycetes)
- SAMANEA:
Polyporus phocinus (Basidiomycetes)
- SOIL:
Aphelenchoides parietinus (Nematoda)
Criconea celetum (Nematoda)
C. fimbriatum (Nematoda)
Criconeoides curvatum (Nematoda)
C. in forme (Nematoda)
C. mutabile (Nematoda)
Helicotylenchus nannus (Nematoda)
Hemicriconemoides mangiferae (Nematoda)
Heterodera avenae (Nematoda)
H. punctata (Nematoda)
H. rostochiensis (Nematoda)
Pratylenchus penetrans (Nematoda)
Rotylenchus robustus (Nematoda)
R. uniformis (Nematoda)
Scutellonema brachyurum (Nematoda)
Tylenchorhynchus capitatus (Nematoda)
T. crassicaudatus (Nematoda)
- SOLANUM:
Meloidogyne arenaria (a Nematoda)
M. javanica (Nematod)
Thecaphora solani (Promycetes)
- SORBUS:
Phyllosticta sorbi var. *torminalis* (Deuteromycetes)
- SORGHUM:
Ascochyta sorghina (Deuteromycetes)
- SPONDIAS:
Sphaceloma spondiadis (Deuteromycetes)
- STACHYTARPHETA:
Puccinia urbaniana (Promycetes)
- TRIGONIDIUM:
Sphenospora kevorkianii (Promycetes)
- TRITICUM:
Fusarium avenaceum (Deuteromycetes)
F. nivale (Deuteromycetes)
Puccinia striiformis (Promycetes)
- ULMUS:
Phyllosticta guttata (Ascomycetes)
- VANILLA:
Uredo scabies (Promycetes)

See footnotes at end of this list.

Hosts and Diseases—Continued

VITIS:

†*Guignardia bidwellii* (Ascomycetes)

YUCCA:

Meloidogyne incognita acrita (Nematoda)

ZINGIBER:

†*Meloidogyne arenaria* (Nematoda)*Radopholus similis* (Nematoda)

ZINNIA:

†*Alternaria zinniae* (Deuteromycetes)

ZIZYPHUS:

†*Cercospora jujubae* (Deuteromycetes)

ZYGOPÉTALUM:

Sphenospora kevorkianii (Promycetes)

ZYGOSTATES:

Sphenospora kevorkianii (Promycetes)*Hosts Unknown*

GRASS:

†*Phyllachora graminis* (Ascomycetes)

PLANT—UNIDENTIFIED:

†*Meloidogyne arenaria* (Nematoda)†*M. javanica* (Nematoda)

ROOT—UNIDENTIFIED

†*Meloidogyne hapla* (Nematoda)

A dagger (†) indicates a first interception from the country of origin.

A double dagger (‡) indicates a first interception by Division inspectors.

Countries of Origin and Diseases

AFGHANISTAN:

Xanthomonas citri

AMERICAN SAMOA:

†*Polyporus phocinus*

ARGENTINA:

*Criconemoides curvatum**Elsinoe australis*

†"Greasy spot"

*Helicotylenchus nannus**Heterodera rostochiensis**Xanthomonas* sp. (Cancerosis B)

AUSTRALIA:

†*Dothiorella eucalypti**Guignardia citricarpa*†*Scutellonema brachyurum**Sphaceloma fawcettii* var. *scabiosa**Uromyces latipetalus*

AUSTRIA:

Chrysomya ledi var. *rhododendri*†*Puccinia iridis*†*Scirrhia ramosa*

BAHAMAS:

†*Phyllosticta hibiscina**Sphenospora kevorikiana**Uredo nigropuncta*

BARBADOS:

Sphaceloma spondiadis

BELGIUM:

Phyllosticta aucubicola†*Phyllosticta sorbi* var. *tormalis*

BRAZIL:

*Elsinoe australis**Guignardia citricarpa**Helicotylenchus nannus**Meloidogyne arenaria**M. javanica**Sphenospora kevorikiana*

BRITISH GUIANA:

†*Sphenospora kevorikiana*

BRITISH HONDURAS:

†*Cercospora longissima*

CANADA:

Microsphaera alni†*Phyllachora graminis*

CANAL ZONE:

†*Myiocypron orchidearum**Sphenospora kevorikiana*

CANARY ISLANDS:

Heterodera rostochiensis

CHINA:

*Guignardia citricarpa**Xanthomonas citri*

COLOMBIA:

Meloidogyne incognita acrita†*Thecaphora solani*

COSTA RICA:

†*Elsinoe mangiferae**Meloidogyne incognita acrita*†*Phyllosticta coffeicola**Sphenospora kevorikiana*

CZECHOSLOVAKIA:

Heterodera punctata

DENMARK:

†*Aphelenchoides blastophthorus**Pratylenchus convallariae*

DOMINICAN REPUBLIC:

†*Echinodella guatemalensis**Elsinoe mangiferae*

"Greasy spot"

†*Leprieurina winteriana**Phakopsora jatrophicola*†*Phoma cajani*†*Puccinia urbaniana**Sphaceloma puniceae*†*S. spondiadis*†*Uredo guacae*†*Uromyces jatrophae*

ECUADOR:

*Puccinia oncidii**Sphenospora kevorikiana**S. mera*†*Uromyces vicia-fabae*

EL SALVADOR:

†*Sphaceloma spondiadis*†*Sphenospora kevorikiana*

ENGLAND:

*Cercospora angraci**Ditylenchus dipsaci**Heterodera punctata**H. rostochiensis**Meloidogyne incognita acrita**Puccinia buxi*†*Rotylenchus goodeyi**R. robustus*

EUROPE (country(?)):

*Cercospora kalmiae**Heterodera punctata**Mycosphaerella colorata**Puccinia buxi*

FEDERATION OF MALAYSIA:

†*Ascochyta citri**Xanthomonas citri*

FIJI:

†*Aphelenchoides parietinus*

FORMOSA:

Guignardia citricarpa†*Macrophoma musae**Xanthomonas citri*

FRANCE:

†*Fusarium avenaceum*†*F. nivale**Heterodera avenae**Monilinia fructigena**Puccinia buxi**P. striiformis*

GERMANY:

†*Criconemoides informis**Cronartium ribicola*†*Fusicladium pyracanthae**Heterodera avenae**H. punctata**H. rostochiensis**Meloidogyne hapla**Monilinia fructigena**Phomopsis conorum*

GREECE:

Septoria citri

GRENADA:

†*Sphenospora kevorikiana*

GUATEMALA:

†*Corynespora cassiicola**Meloidogyne incognita acrita**Rose mosaic*†*Sphaceloma poinsettiae*†*S. spondiadis**Sphenospora kevorikiana*

HAITI:

†*Cercospora insulana*

†"Greasy spot"

Phakopsora gossypii†*P. jatrophae*†*Puccinia menthae*†*Rose mosaic—yellow type**Sphenospora kevorikiana*

HAWAII:

†*Dothiorella barringtoniae*†*Helicotylenchus nannus**Macrophoma musae**Phomopsis coccis**Radopholus similis*†*Scutellonema brachyurum*

HONDURAS:

†*Guignardia bidwellii*†*Puccinia thaliae**Sphenospora kevorikiana*

HONG KONG:

Guignardia citricarpa†*Septoria citri**Xanthomonas citri*

INDIA:

†*Helminthosporium cynodontis**Phyllachora cynodontis**Xanthomonas citri*

INDIA(?)

Guignardia citricarpa

IRELAND:

*Heterodera punctata**H. rostochiensis*

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

IRELAND—Continued

- †*Meloidogyne hapla*
- Puccinia buxi*
- †*Rotylenchus uniformis*

ITALY:

- †*Alternaria zinniae*
- †*Carnation mottle virus*
- Cylindrosporium castaneae*
- Diaporthe eres*
- †*Elsinoe rosarum*
- Macrophoma oleae*
- Monilinia fructigena*
- Phyllosticta ruscicola*
- Pseudomonas syringae*(?)
- Septoria citri*
- †*Trochila ilicis*

JAMAICA:

- †*Elsinoe mangiferae*
- Phakopsora gossypii*
- †*Phoma cajani*
- Sphenospora kevorkianii*

JAPAN:

- Ascochyta citri*
- Guignardia citricarpa*
- Gymnosporangium harae*anum
- †*Helicotylenchus nannus*
- Meloidogyne hapla*
- M. incognita acrita*
- Mycosphaerella schoenoprasii*
- Neovossia horrida*
- †*Phomopsis detrusa*
- †*Puccinia erythropus*
- P. horiana*
- P. longicornis*
- †*Scutellonema brachyurum*
- Septoria citri*
- S. curvula*
- †*S. miyakei*
- S. oryzae*
- †*Tylenchorhynchus crassicaudatus*
- Xanthomonas citri*

LEBANON:

- Macrophoma dalmatica*
- †*Meloidogyne hapla*

MEXICO:

- †*Anthostomella leucobasis*
- Ascochyta sorghina*
- †*Coccostroma chamaedoreae*
- †*Coniothecium scabrum*
- †*Criconea fimbriata*
- Criconeoides curvatum*
- C. mutabile*
- Elsinoe mangiferae*
- "Greasy spot"
- Helicotylenchus nannus*
- †*Hemicriconemoides mangiferae*
- Heterodera punctata*
- †*Hypoxylon folicola*
- †*Lacellina graminicola*
- †*Melanconium palmarum*
- Meloidogyne arenaria*
- M. incognita*
- M. incognita acrita*
- M. javanica*
- †*Microthyrium laurenti*
- Mycosphaerella advena*
- †*Phaeoseptoria oryzae*
- †*Phyllactinia guttata*
- †*Phyllosticta cocos*
- †*Puccinia dochimii*(?)
- Ravenelia spegazziniana*
- Scutellonema brachyurum*
- Sphaeloma punicea*
- Sphenospora kevorkianii*
- Tylenchorhynchus capitatus*
- Uredo oncidii*
- U. scabiei*
- †*Uromyces euphorbiae*

MEXICO(?):

- †*Phyllosticta ilicicola*

NEPAL:

- †*Rhytisma decolorans*

NETHERLANDS:

- Cumminsia mirabilissima*

- Heterodera rostochiensis*
- Meloidogyne hapla*
- M. incognita acrita*

NEW GUINEA:

- Macrophoma araucariae*

NEW ZEALAND:

- Macrophoma araucariae*

NICARAGUA:

- †*Meloidogyne arenaria*
- †*M. javanica*
- †*Phakopsora jatrophicola*

NORTHERN IRELAND:

- Heterodera rostochiensis*

NORWAY:

- Heterodera punctata*
- H. rostochiensis*
- Phoma samararum*

NORWAY(?):

- †*Chrysomyxa ledi* var. *rhododendri*

OKINAWA:

- Guignardia citricarpa*

PAKISTAN:

- Guignardia citricarpa*

- Xanthomonas citri*

PANAMA:

- Sphenospora kevorkianii*

- †*Uromyces dolicholi*

PARAGUAY:

- Elsinoe australis*

PERU:

- Heterodera rostochiensis*
- †*Puccinia cyperi*
- Sphenospora kevorkianii*
- Uredo guacae*

PHILIPPINES:

- Guignardia citricarpa*
- †*Helicotylenchus nannus*
- †*Meliola butleri*
- Phomopsis cocoes*
- †*Tylenchorhynchus crassicaudatus*
- Xanthomonas citri*

PORTUGAL:

- †*Criconea celetum*
- †*Criconeoides curvatum*
- †*Meloidogyne hapla*
- †*Pratylenchus penetrans*
- †*Pseudomonas syringae*(?)
- †*Rotylenchus uniformis*
- †*Tylenchorhynchus capitatus*

PUERTO RICO:

- Cercospora brachiata*
- Elsinoe mangiferae*
- †*Mycosphaerella tetraspora*
- Phoma cajani*
- †*Phyllosticta batatas*
- †*P. coccobae*
- Puccinia urbaniana*
- †*Xanthomonas dieffenbachiae*

REPUBLIC OF SOUTH AFRICA:

- Botryosphaeria berengeriana* var. *araucariae*
- †*Camarosporium ellipticum*
- †*Coniothecium scabrum*
- Guignardia citricarpa*
- †*Helminthosporium cynodontis*
- Leptosphaeria protearum*
- Meloidogyne incognita*
- M. incognita acrita*
- M. incognita incognita*
- M. javanica*
- Pratylenchus penetrans*
- Puccinia ornithogali-thyrsoideis*
- Septoria citri*

SCOTLAND:

- Heterodera punctata*
- H. rostochiensis*

SENEGAL:

- †*Meloidogyne incognita acrita*

SOUTH AMERICA (country(?)):

- Elsinoe australis*
- Heterodera rostochiensis*
- Xanthomonas* sp. (Cancrosis B)

SPAIN:

- †*Coniothecium scabrum*
- Monilinia fructigena*

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

SPAIN—Continued

Septoria citri

SURINAM:

†*Sphenospora kevorkianii*

SWEDEN:

*Heterodera rostochiensis**Mycosphaerella schoenoprasi*

SWITZERLAND:

Chrysomyxa ledi var. *rhododendri*†*Monilinia fructigena*†*Puccinia buxi*

TAHITI(?):

Guignardia citricarpa

THAILAND:

†*Cercospora jujubae**Guignardia citricarpa**Xanthomonas citri*

TRINIDAD:

Meloidogyne incognita acrita†*Sphaceloma spondiadis*

UNKNOWN:

*Ascochyta citri**Cryptospora longispora**Elsinoe australis**E. mangiferae**Guignardia citricarpa**Heterodera rostochiensis**Pseudomonas syringae*(?)*Puccinia buxi**Septoria citri*†*Sphaeropsis subglobosa**Xanthomonas citri**Xanthomonas* sp. (Cancrosis B)

URUGUAY:

Elsinoe australis

VIETNAM:

*Guignardia citricarpa**Xanthomonas citri*

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates a first interception by Division inspectors.







